FALCON

24 Series and 25 Series Service Manual
Touch Bar Exit Device

⑦

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Table of Contents

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Introduction

This manual contains a listing of replaceable parts and assemblies for the 24 and 25 series exit devices. All products listed meet ANSI A156.3 Grade 1 standards.

How to Order

Some parts are sold separately. Other parts are available as part of a kit or multiple quantity package. For the best possible service when ordering replacement parts or assemblies, please provide the following information:

- Part number or assembly number
- Description
- Quantity needed
- Finish desired

BHMA	US	Finish Description
605	US3	Brass, bright
606	US4	Brass, satin
612	US10	Bronze, satin
625	US26	Chromium, bright
626	US26D	Chromium, satin

BHMA	US	Finish Description
628	US28	Anodized Aluminum
629	US32	Stainless Steel, polished
630	US32D	Stainless Steel, satin
710	313AN	Anodized Duranodic

Part Number Changes

This manual reflects the product as sold in May 2009. Because of changes to the product and/or manufacturing processes, part numbers can change.
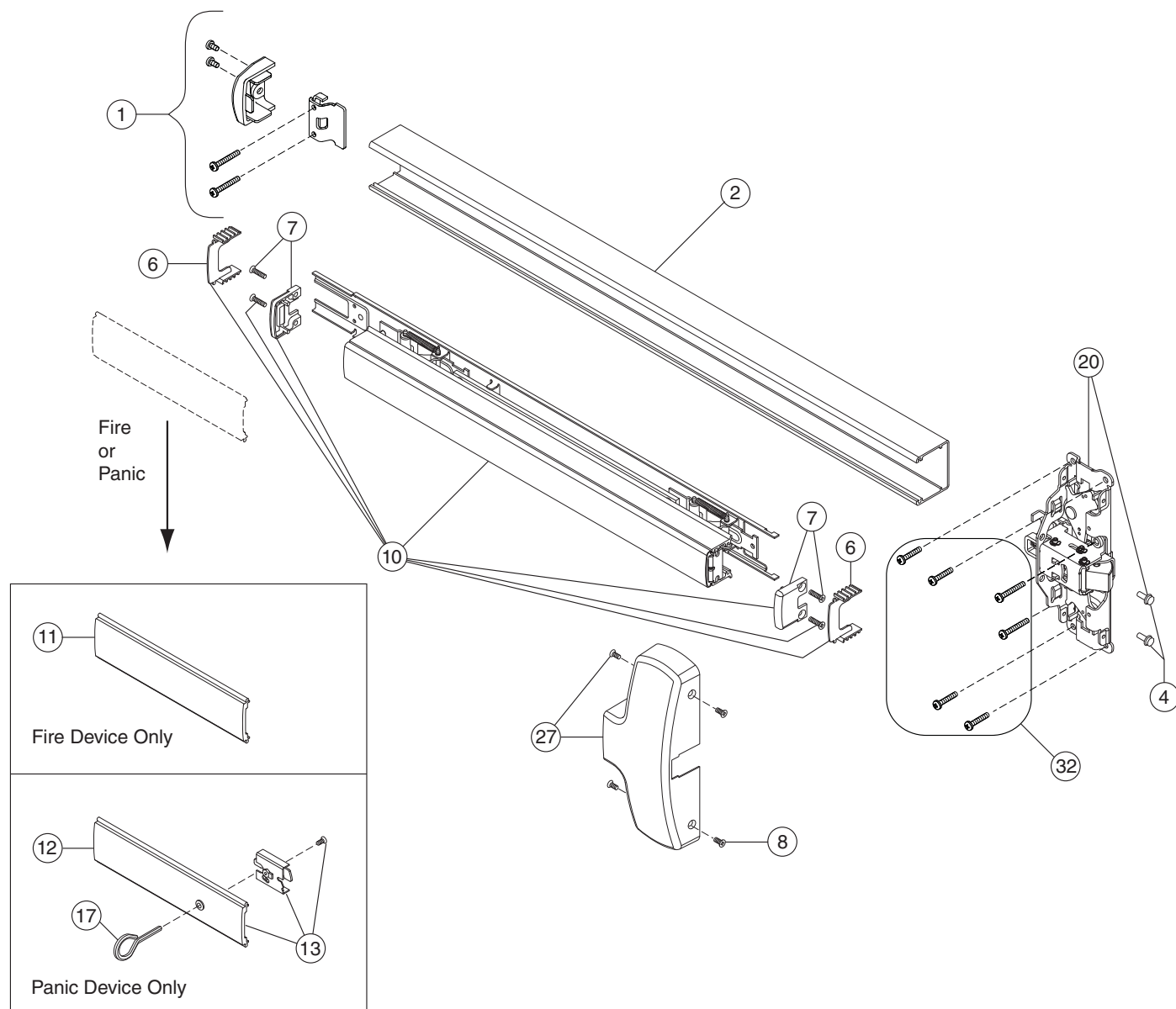
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(F)25 Rim Exit Device

Panic and Fire

Fire
or
Panic

Fire Device Only

Panic Device Only

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(F)25 Rim Exit Device

Panic and Fire

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10 x 1¼" PPHSMS 2– #10-24 x 1" PPHMS	A
2	1	661412 661413	Channel 3' Channel 4'		A
4	1	600305 600306	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite 2– #10-16 x ½" Hex Washer Head Taptite	
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
10	1	610472 610473	Pushbar Assembly 3' Pushbar Assembly 4'	1– Pushbar Assembly 2– Pushbar Guides 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
11	1	661420 661421	Fire Channel Cover 3' Fire Channel Cover 4'		A
12	1	661428 661429	Panic Channel Cover 3' Panic Channel Cover 4'		A, B
13	1	650191 650192	Hex Dogging Kit 3' Hex Dogging Kit 4'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
17	1	600209	⁷⁄₃₂" Hex Key Pkg		
20	1	650239 650240	25-R Center Case Kit, Panic F-25-R Center Case Kit, Fire	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
27	1	650255	(F)25-R Center Case Cover Kit	1– Head Cover 4– #8-18 x ⅜" UFPHSMS	A
32	1	600213 600214	(F)25-R Mounting Pkg 1¾" Door (F)25-R Mounting Pkg 2¼" Door	6– #10 x 1¼" PPHSMS 4– #10-24 x ¾" PPHMS 2– #10-24 x 1" PPHMS 1– Tailpiece Guide 6– #10 x 1¼" PPHSMS 4– #10-24 x 1¼" PPHMS 2– #10-24 x 1½" PPHMS 1– Tailpiece Guide	* * * *

*   Item(s) not shown.
A   Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B   Channel Covers for CD, EA, HWEA, KOR, see page 68

(F)25-V Surface Vertical Rod Exit Device

Panic and Fire

Fire
or
Panic

Fire Device Only

Panic Device Only

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(F)25-V Surface Vertical Rod Exit Device

Panic and Fire

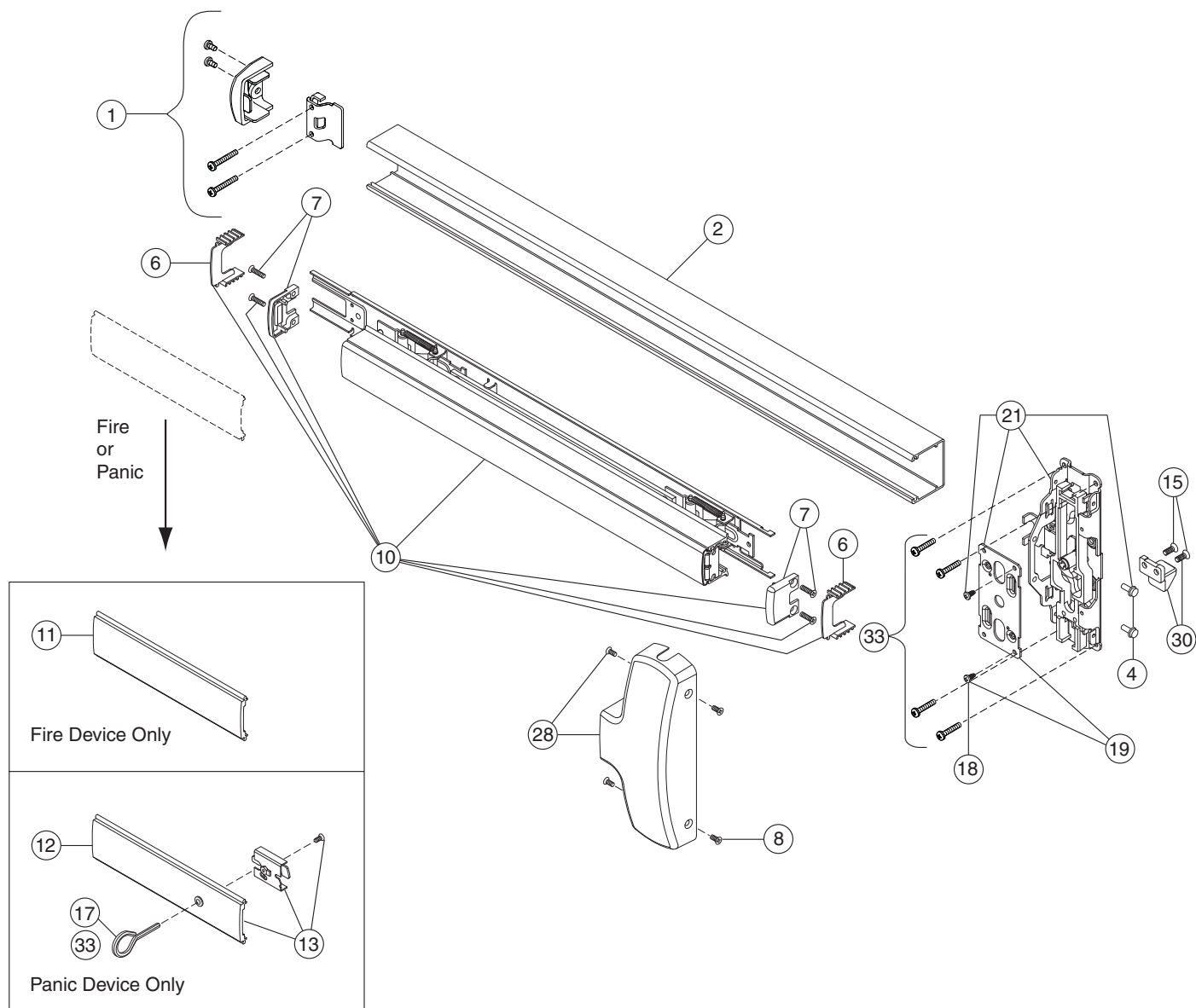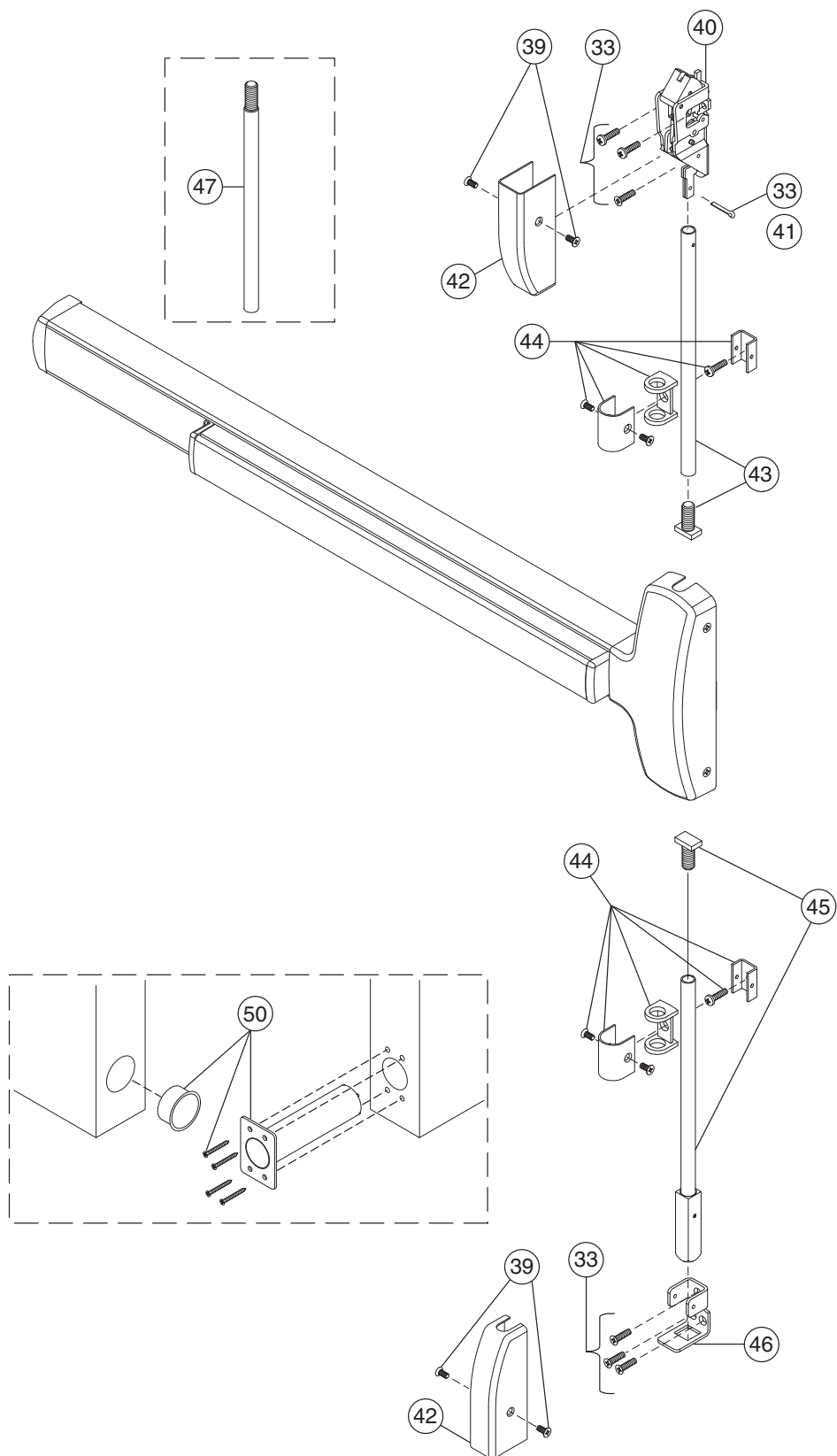| Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
2	1	661412 661413	Channel 3' Channel 4'		A
4	1	600305 600306	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite 2– #10-16 x ½" Hex Washer Head Taptite	
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
10	1	610472 610473	Pushbar Assembly 3' Pushbar Assembly 4'	1– Pushbar Assembly 2– Pushbar Guides 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
11	1	661420 661421	Fire Channel Cover 3' Fire Channel Cover 4'		A
12	1	661428 661429	Panic Channel Cover 3' Panic Channel Cover 4'		A, B
13	1	650191 650192	Hex Dogging Kit 3' Hex Dogging Kit 4'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
15	1	600309	25 Finger Screw Pkg	2– #10-24 x ⅜" UFPHMS	
17	1	600209	⁷⁄₃₂" Hex Key		
18	1	600308	Vertical Housing Screw Pkg	2– #8-32 x ⅜" PPHMS Trilob	
19	1	650261	Vertical Housing Kit	2– #8-32 x ⅜" PPHMS Trilob 1– Vertical Housing	
21	1	650242	(F)25-V Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
28	1	650257	(F)25-V Center Case Cover Kit	1– Head Cover 4– #8-18 x ⅜" UFPHSMS	A
30	1	650262	25-V Finger Kit	2– #10-24 x ⅜" UFPHMS 1– Vertical Finger	
33	1	600102	25-V Mounting Pkg 1¾" and 2¼" Door	6– #10 x 1¼" PPHSMS 4– #10 x 1¼" FPHSMS 1– ⅛ x 1" Cotter Key 1– Dogging Key	* * *
		600103	F-25-V Mounting Pkg 1¾" Door	6– #10-24 x ¾" PPHMS 4– #10-24 x ¾" FPHMS 1– ⅛ x 1" Cotter Key	* *
		600232	F-25-V Mounting Pkg 2¼" Door	6– #10-24 x 1¼" PPHMS 4– #10-24 x 1¼" FPHMS 1– ⅛" x 1" Cotter Key	* * *

* Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B Channel Covers for CD, EA, HWEA, KOR, see page 68

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(F)25-V Surface Vertical Rods and Latches

Panic and Fire

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(F)25-V Surface Vertical Rods and Latches

Panic and Fire

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
33	1	600102	25-V Mounting Pkg 1¾" and 2¼" Door	4– #10 x 1¼" FPHSMS 6– #10 x 1¼" PPHSMS 1– ⅛ x 1" Cotter Key 1– Dogging Key	* * *
		600103	F-25-V Mounting Pkg 1¾" Door	4– #10-24 x ¾" FPHMS 6– #10-24 x ¾" PPHMS 1– ⅛ x 1" Cotter Key	* *
		600232	F-25-V Mounting Pkg 2¼" Door	4– #10-24 x 1¼" FPHMS 6– #10-24 x 1¼" PPHMS 1– ⅛" x 1" Cotter Key	* *
39	1	660125	Latch Case Cover Screw Pkg	4– #8-32 x ¼" UFPHMS	
40	1	588	Surface Vertical Top Latch Case Subassembly - Panic		
		F588	Surface Vertical Top Latch Case Subassembly - Fire		
41	1	661102	⅛" x 1" Cotter Key		
42	2	3781	Latch Case Cover		A
43	1	3777	Top Rod Subassembly		A
44	2	590	Rod Guide and Support Pkg		A
45	1	610034	Bottom Bolt and Rod Assembly		A
46	1	610035	Bottom Guide Assembly		A
47	1	650006	Vertical Extension Rod 12"		A
		650007	Vertical Extension Rod 24"		
		650008	Vertical Extension Rod 36"		
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)		

*   Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

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(F)25-C Concealed Vertical Rod Exit Device

Panic and Fire

1

6

7

2

Fire
or
Panic

10

7

6

22

15

31

4

7

19

18

① 11

Fire Device Only

① 12

① 17

13

Panic Device Only

29

8
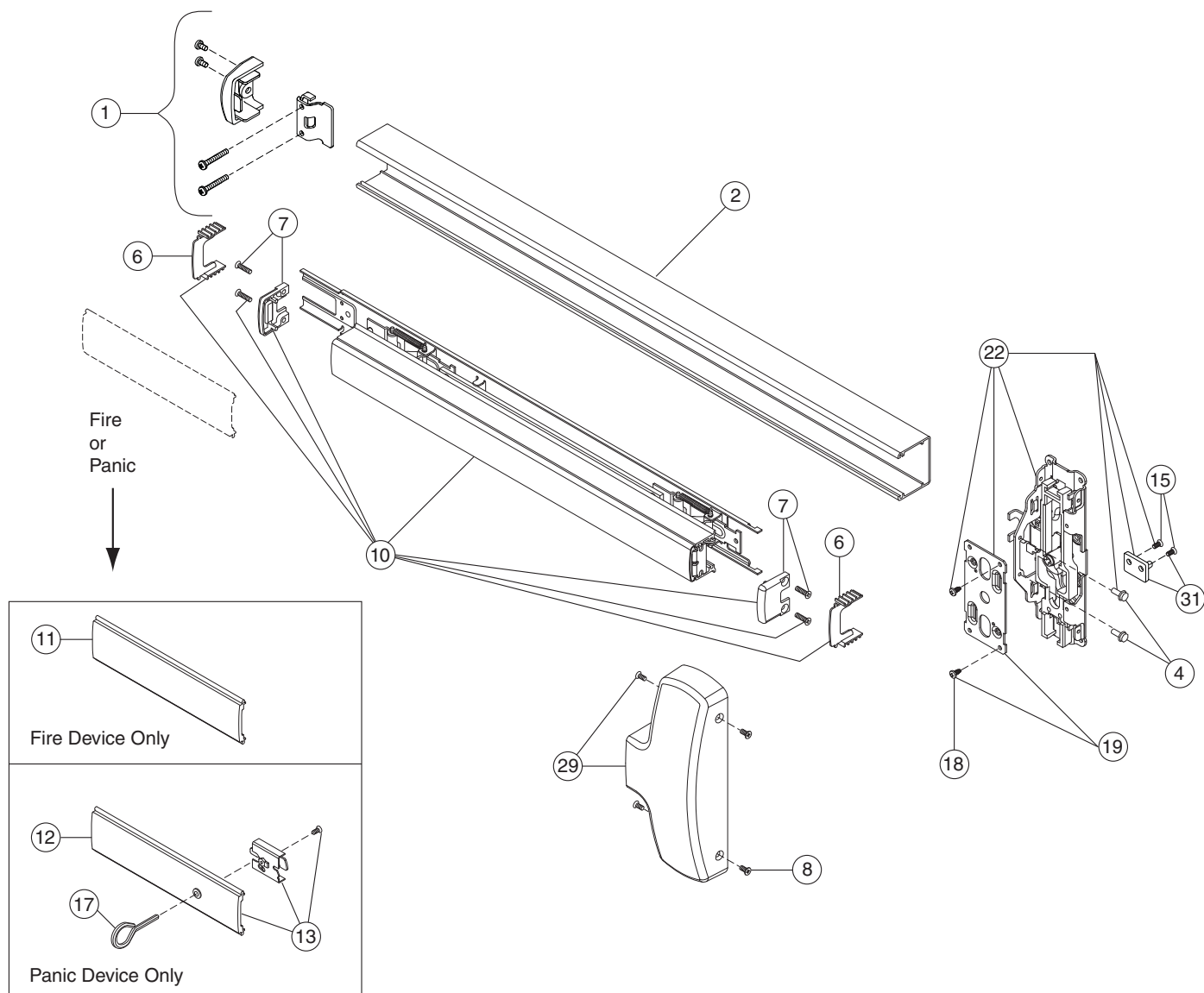
NOTE: (F)25-C Mounting Package(s) shown on page 39

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(F)25-C Concealed Vertical Rod Exit Device

Panic and Fire

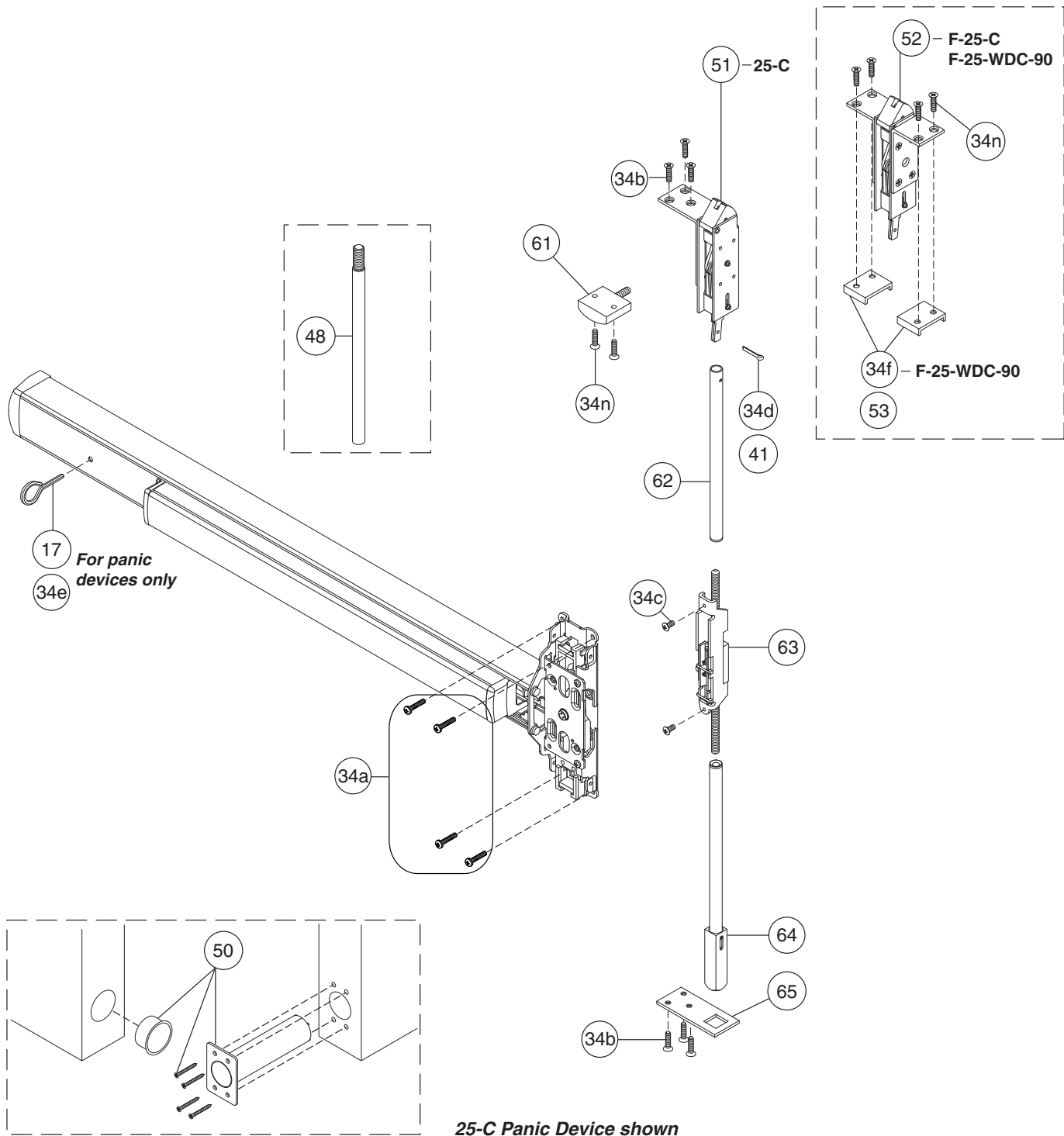| Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
2	1	661412 661413	Channel 3' Channel 4'		A
4	1	600305 600306	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite 2– #10-16 x ½" Hex Washer Head Taptite	
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 - ⅜" UFPHSMS	A
10	1	610472 610473	Pushbar Assembly 3' Pushbar Assembly 4'	1– Pushbar Assemby 2– Pushbar Guides 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
11	1	661420 661421	Fire Channel Cover 3' Fire Channel Cover 4'		A
12	1	661428 661429	Panic Channel Cover 3' Panic Channel Cover 4'		A, B
13	1	650191 650192	Hex Dogging Kit 3' Hex Dogging Kit 4'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
15	1	600309	25 Finger Screw Pkg	2– #10-24 x ⅜" UFPHMS	
17	1	600209	⁷⁄₃₂" Hex Key		
18	1	600308	Vertical Housing Screw Pkg	2– #8-32 x ⅜" PPHMS Trilob Housing	
19	1	650261	Vertical Housing Kit	2– #8-32 x ⅜" PPHMS Trilob Housing 1– Vertical Housing	
22	1	650244	25-C Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
29	1	650259	(F)25-C Center Case Cover Kit	1– Center Case 4– #8-18 - ⅜" UFPHSMS	A
31	1	650263	25-C Finger Kit	2– #10-24 x ⅜" UFPHMS 1– Concealed Finger	

* Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B Channel Covers for CD, EA, HWEA, KOR, see page 68

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(F)25-C, F-25-C-WDC-90 Concealed Vertical Rods & Latches

Metal Door—Panic and Fire, Wood Door—90 Minute Fire Device

25-C Panic Device shown

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(F)25-C, F-25-C-WDC-90 Concealed Vertical Rods & Latches

Metal Door—Panic and Fire, Wood Door—90 Minute Fire Device

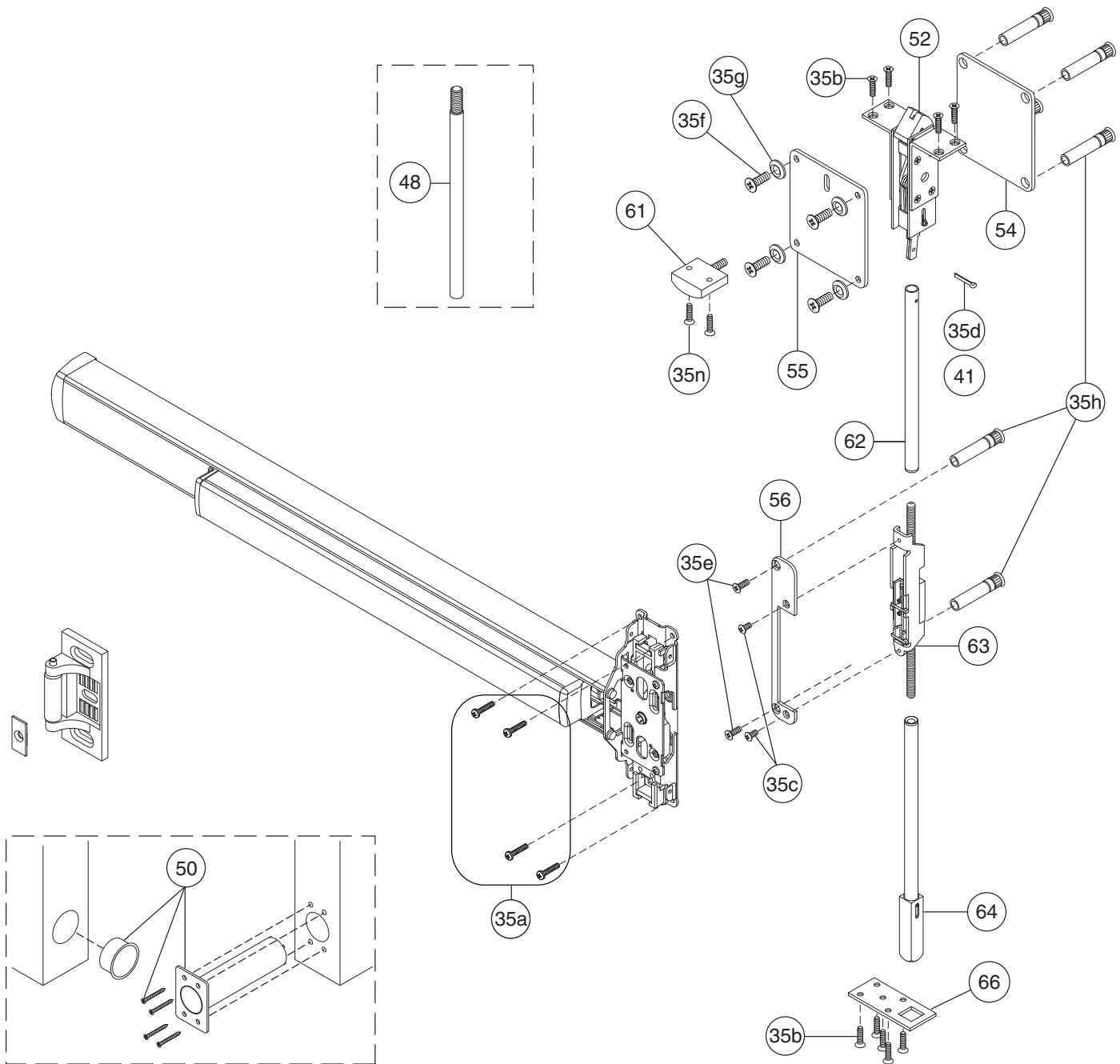| Item No.	Qty.	Part No.	Description	Pkg Contents		Notes
17	1	600209	⁷⁄₃₂" Hex Key Pkg (panic devices only)			
34	1	600104	F-25-C Mounting Pkg 1¾" Door	34a 34b 34c 34d —	8– #10-24 x ¾" PPHMS 7– #10-24 x ¾" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– 1/4-20 x ¾" PPHMS	 *
		600105	25-C Mounting Pkg 1¾" Door	34a 34b 34c 34d 34e —	8– #10 x 1¼" PPHSMS 6– #10-24 x ¾" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 1– Dogging Key 2– #14 x 1" PPHSMS	* *
		600110	F-25-CWDC 90 Minute Mounting Pkg 1¾" Door	34a 34a 34b 34c 34d 34f 34n	4– #10 x 1¼" PPHSMS 8– #10-24 x ¾" PPHMS 3– #10 x 1¼" FPHSMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– Latch Bracket 6– #10-24 x ¾" FPHMS	* *
		600220	25-C Mounting Pkg 2¼" Door	34a 34b 34c 34d 34e —	8– #10 x 1¼" PPHSMS 6– #10-24 x 1¼" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 1– Dogging Key 2– #14 x 1" PPHSMS	* *
		600221	F-25-C Mounting Pkg 2¼" Door	34a 34b 34c 34d —	8– #10-24 x 1¼" PPHMS 7– #10-24 x 1¼" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– 1/4-20 x 1¼" PPHMS	 *
41	1	661102	⅛ x 1" Cotter Key			
48	1	650017 650018 650019	Concealed Vertical Extension Rod 12" Concealed Vertical Extension Rod 24" Concealed Vertical Extension Rod 36"			
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)			
51	1	603	Concealed Top Latch Case Subassembly (Panic)			
52	1	F603	Concealed Top Latch Case Subassembly (Fire)			
53	2	4694	Latch Bracket			
61	1	600144	Top Latch Release Subassembly			A
62	1	610061	Top Rod Subassembly			
63	1	610373	Center Slide Subassembly			
64	1	610057	Bottom Rod Subassembly			
65	1	4567	Bottom Bolt Guide			

* Items for 24 Series devices only, not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

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25-C-WDC, F-25-C-WDC-20 Concealed Vertical Rods & Latches

Wood Door—Panic Devices, Wood Door—20 Minute Fire Device

F-25-C-WDC-20 Device shown
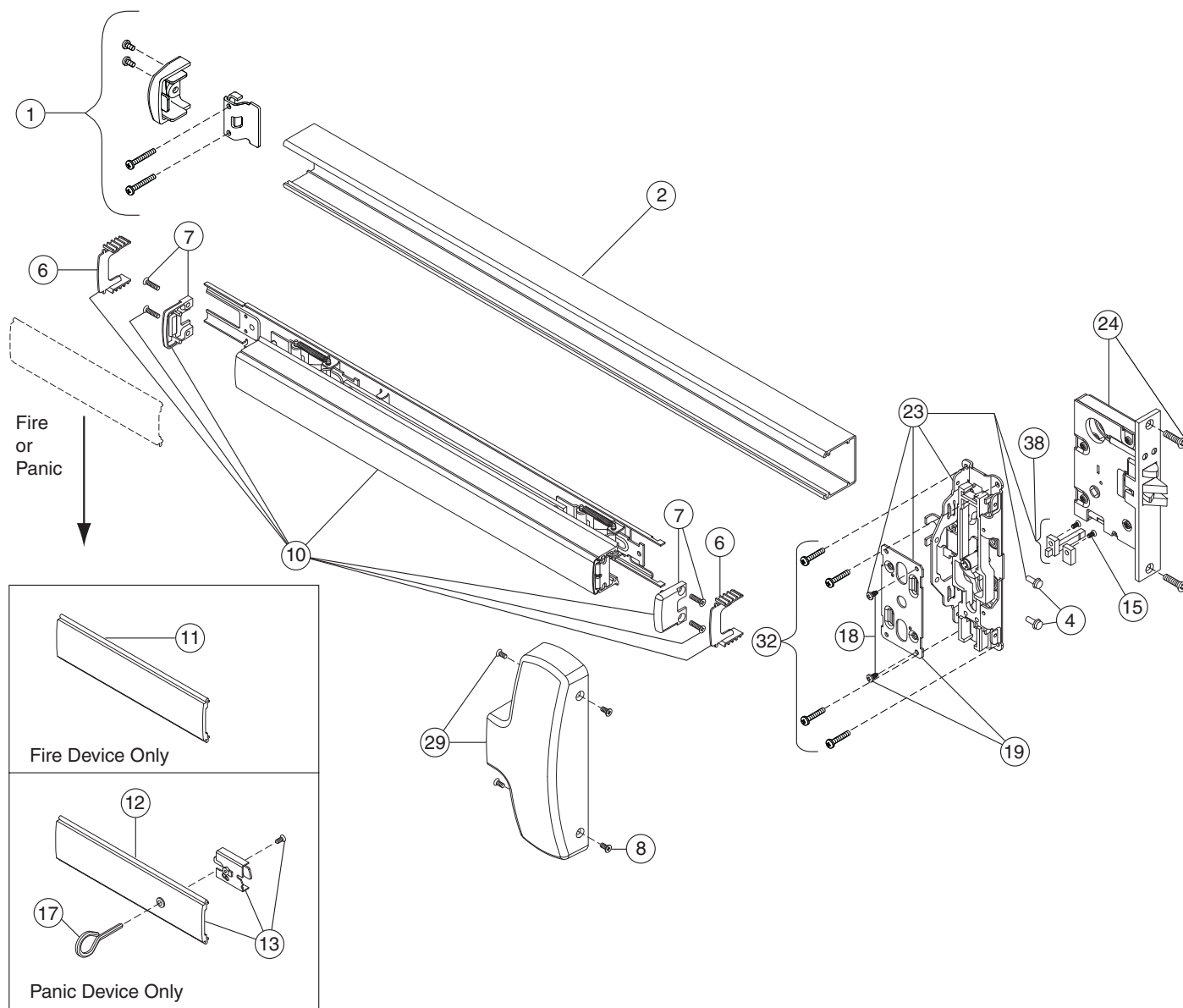
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25-C-WDC, F-25-C-WDC-20 Concealed Vertical Rods & Latches

Wood Door—Panic Devices, Wood Door—20 Minute Fire Device

Item No.	Qty.	Part No.	Description	Pkg Contents		Notes
17	1	600209	⁷⁄₃₂" Hex Key Pkg (panic devices only)			
35	1	600109	F-25-CWDC 20 Minute Mounting Pkg 1¾" Door	35a — 35b 35c 35d 35e 35f 35g 35h 35n	8– #10 x 1¼" PPHSMS 4– #10-24 x 1" PPHMS 11– #10 x 1¼" FPHSMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– ¾" CS Plate Mtg Screw 4– 1/4-20 x ¾" FPHMS 4– ¼" CS Washer 6– 1/4-20 Sexbolt 4– #10-24 x ¾" FPHMS	A
		600111	25-CWDC Mounting Pkg 1¾" Door	35a — 35b 35c 35d 35e 35f 35g 35h 35k 35n —	8– #10 x 1¼" PPHSMS 4– #10-24 x 1" PPHMS 11– #10 x 1¼" FPHSMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– ¾" CS Plate Mtg Screw 4– 1/4-20 x ¾" FPHMS 4– ¼" CS Finish Washer 6– 1/4-20 Sexbolt 1– Dogging Key * 2– #10-24 x ¾" FPHMS 2– #10-24 x ¾" FPHMS	A
		600237	25-CWDC Mounting Pkg 2¼" Door	35a — 35b 35c 35d 35e 35f 35g 35h 35n	8– #10 x 1¼" PPHSMS 4– #10-24 x 1½" PPHMS 11– #10 x 1¼" FPHSMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– ¾" CS Plate Mtg Screw 4– 1/4-20 x 1¼" FPHMS 4– ¼" CS Finish Washer 6– 1/4-20 Sexbolt 2– #10-24 x ¾" FPHMS	A
41	1	661102	⅛ x 1" Cotter Key			
48	1	650017	Concealed Vertical Extension Rod 12"			
		650018	Concealed Vertical Extension Rod 24"			
		650019	Concealed Vertical Extension Rod 36"			
49	1	WF603	F-C-WDC Top Latch Kit			*
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)			
52	1	F603	Concealed Top Latch Case Subassembly (Fire)			
54	1	4833	Top Reinforcement Plate			A
55	1	4834	Top Reinforcement Plate with Access Hole			A
56	1	4832	Center Slide Reinforcement Plate			
61	1	600144	Top Latch Release Subassembly			A
62	1	610061	Top Rod Subassembly			
63	1	610373	Center Slide Subassembly			
64	1	610057	Bottom Rod Subassembly			
66	1	4835	WDC Bottom Bolt Guide			

*   Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28

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(F)25-M Mortise Exit Device

Panic and Fire

Fire
or
Panic

Fire Device Only

Panic Device Only

(F)25-M Mortise Exit Device

Panic and Fire

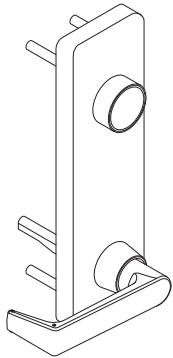| Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
2	1	661412 661413	Channel 3' Channel 4'		A
4	1	600305 600306	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite 2– #10-16 x ½" Hex Washer Head Taptite	
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
10	1	610472 610473	Pushbar Assembly 3' Pushbar Assembly 4'	1– Pushbar Assembly 2– Pushbar Guide 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
11	1	661420 661421	Fire Channel Cover 3' Fire Channel Cover 4'		A
12	1	661428 661429	Panic Channel Cover 3' Panic Channel Cover 4'		A, B
13	1	650191 650192	Hex Dogging Kit 3' Hex Dogging Kit 4'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
15	1	600309	25 Finger Screw Pkg	2– #10-24 x ⅜" UFPHMS	
17	1	600209	⁷⁄₃₂" Hex Key Pkg		
18	1	600308	Vertical Housing Screw Pkg	2– #8-32 x ⅜" PPHMS Trilob	
19	1	650261	Vertical Housing Kit	2– #8-32 x ⅜" PPHMS Trilob 1– Vertical Housing	
23	1	650246	(F)25-M Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite 1– Mortise Finger 1– Mortise Block 2– #10-24 x ⅜" UFPHMS	
24	1	650275 650276	Mortise Lock LHR Mortise Lock RHR	1– Mortise Lock 2– #12-24 x ½" UFPHMS	A
29	1	650259	(F)25-M Center Case Cover Kit	1– Center Case Cover 4– #8-18 x ⅜" UFPHSMS	A
32	1	600213 600214	(F)25-M Mounting Pkg 1¾" Door (F)25-M Mounting Pkg 2¼" Door	6– #10 x 1¼" PPHSMS * 4– #10-24 x ¾" PPHMS 2– #10-24 x 1" PPHMS * 1– Tailpiece Guide * 6– #10 x 1¼" PPHSMS * 4– #10-24 x 1¼" PPHMS 2– #10-24 x 1½" PPHMS * 1– Tailpiece Guide *	
38	1	650268	25-M Finger Kit	1– Mortise Finger 1– Mortise Block 2– #10-24 x ⅜" UFPHMS	

*   Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
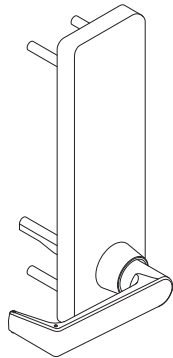B Channel Covers for CD, EA, HWEA, KOR, see page 68

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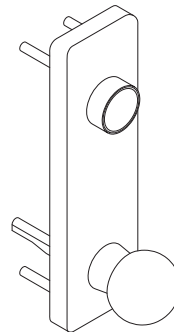
25 Series Trim: Lever (510), VR Lever (511), Knob (513)

510L, 510L-BE, 513K, 513K-BE, 511L

510L
511VR

510L-BE
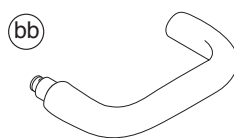
513K

513K-BE

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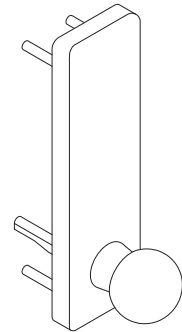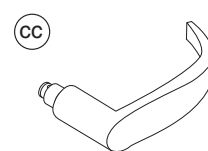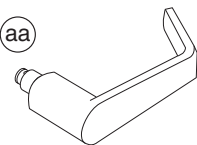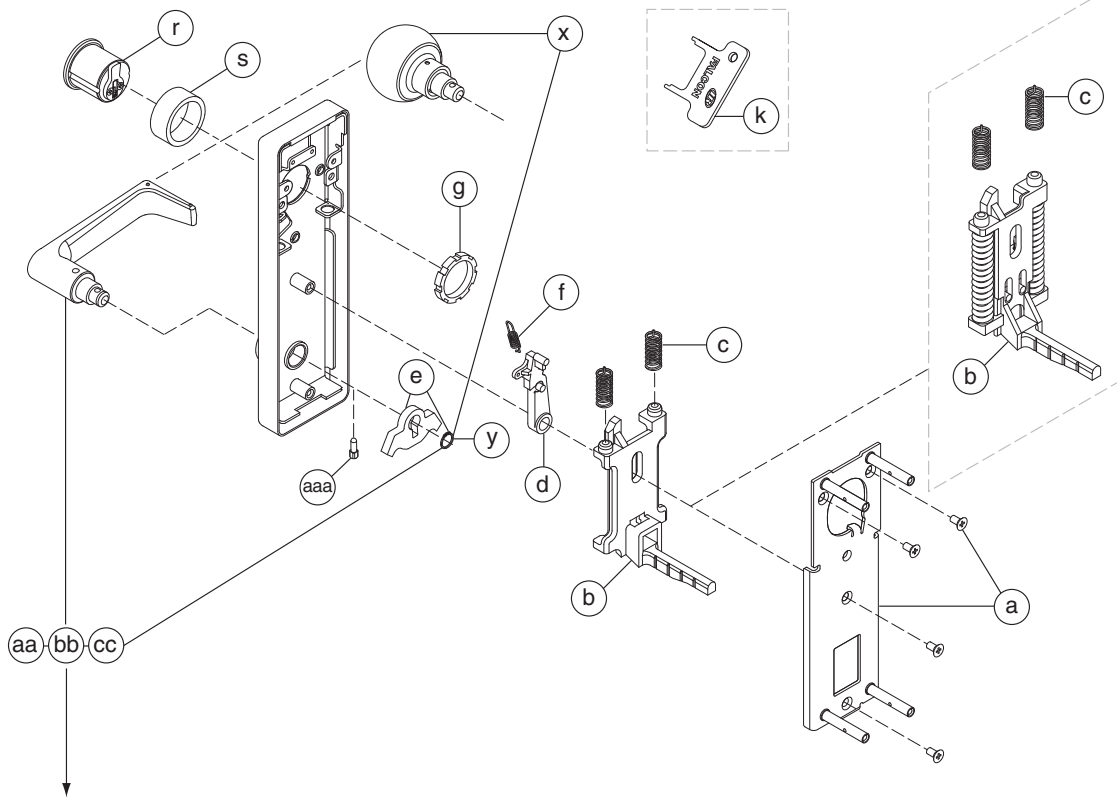
25 Series Trim: Lever (510), VR Lever (511), Knob (513)

510L, 510L-BE, 513K, 513K-BE, 511L

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x ⅜" UFPHMS	
b	1	600273	Standard Lift Block Pkg		
		600282	VR Slider Assembly Pkg		
c	1	600274	L Springs Pkg	2– L Springs	
		600284	K/T Springs Pkg	2– K/T Springs	
d	1	600275	Locking Hook Pkg		
e	1	600276	Spindle Cam Pkg	1– Spindle Cam 1– Spindle Cam Retaining Ring	
f	1	090041	Hook Spring Pkg		
g	1	600278	Cylinder Lock Nut Pkg		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
r	1	986	1¼" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
x	1	600298	Knob Assembly	1– Knob Assembly 1– Retaining Ring	A
y	1	600277	Spindle Cam Retaining Ring Pkg	10– Retaining Rings	
aa	1	600299	Dane Lever Assembly Pkg	1– Lever Assembly 1– Retaining Ring	A
bb	1	600300	Sutro Lever Assembly Pkg		
cc	1	600301	Quantum Lever Assembly Pkg		
dd	1	600302	Dane VR Lever Assembly Pkg	1– VR Lever Assembly 1– Retaining Ring	A*
ee	1	600303	Sutro VR Lever Assembly Pkg		
ff	1	600304	Quantum VR Lever Assembly Pkg		
aaa	1	650267	Shear Pin Pkg	10– Shear Pin	
		600283	VR Shear Pin Pkg	5– Shear Pin	

*   Item(s) not shown
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

Note:

Vandal Resistant Lever Trims are available on rim, vertical, mortise and concealed devices, and work with all electric lock and unlock functions.

Specifications:

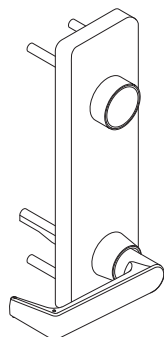Escutcheon: 2¾" x 9¾"
Knob Projection: 3⅜"
Lever Projection: Dane   2¹³⁄₁₆"
              Quantum 3½"
              Sutro   3¹³⁄₁₆"

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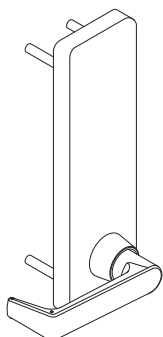
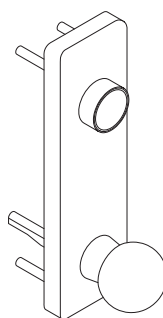# 25 Series Trim: Lever (510), Knob (513)

510L-NL, 510L-DT, 513K-NL, 513K-DT

510L-NL   **510L-DT**   **513K-NL**   **513K-DT**
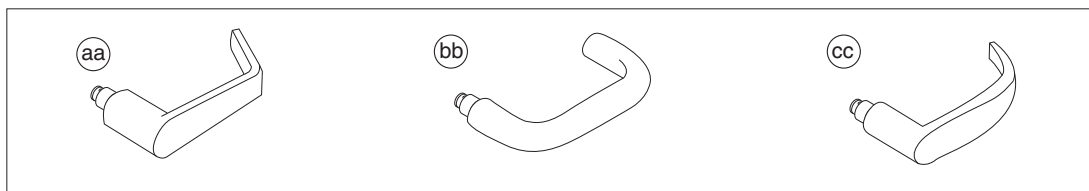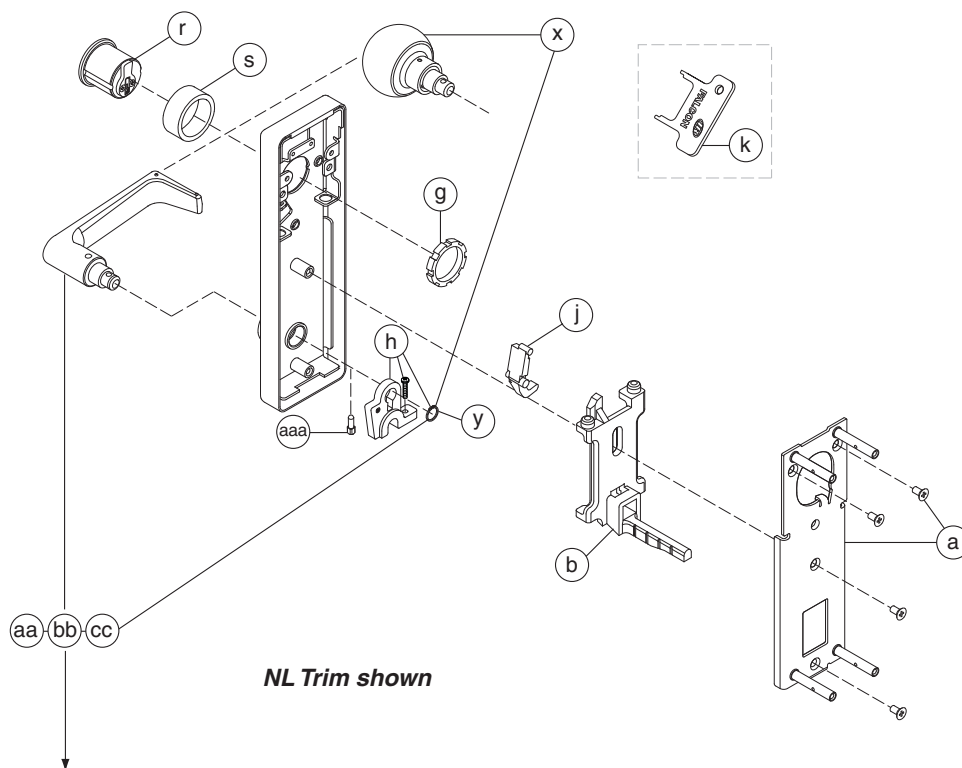
NL Trim shown

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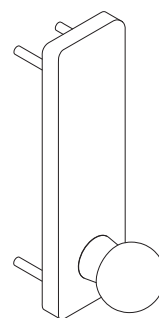
25 Series Trim: Lever (510), Knob (513)

510L-NL, 510L-DT, 513K-NL, 513K-DT

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x ⅜" UFPHMS	
b	1	600273	Lift Block Pkg		
g	1	600278	Cylinder Lock Nut Pkg		
h	1	600280	Dummy Spindle Cam Pkg	1– Spindle Cam Dummy 1– Spindle Cam Retaining Ring 1– #10-24 x ¾"PPHMS	
j	1	600281	NL Cam Pkg		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
r	1	986	1¼" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
x	1	600298	Knob Assembly	1– Knob Assembly 1– Retaining Ring	A
y	1	600277	Spindle Cam Retaining Ring Pkg	10– Retaining Rings	
aa	1	600299	Dane Lever Assembly Pkg	1– Lever Assembly 1– Retaining Ring	A
bb	1	600300	Sutro Lever Assembly Pkg		
cc	1	600301	Quantum Lever Assembly Pkg		
aaa	1	650267	Shear Pin Pkg	10– Shear Pin	

A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

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25 Series Trim: Thumbpiece (512)

512-TP, 512-TP-BE

512TP

512TP-BE

512TP shown

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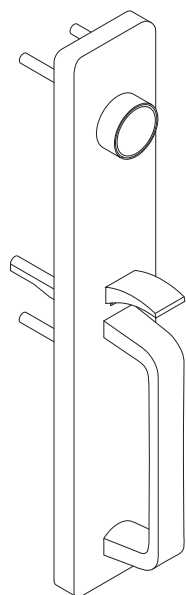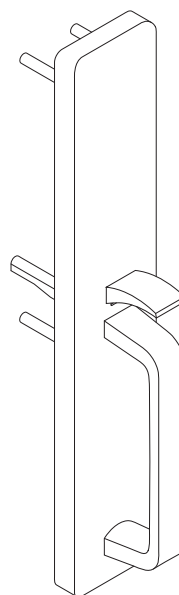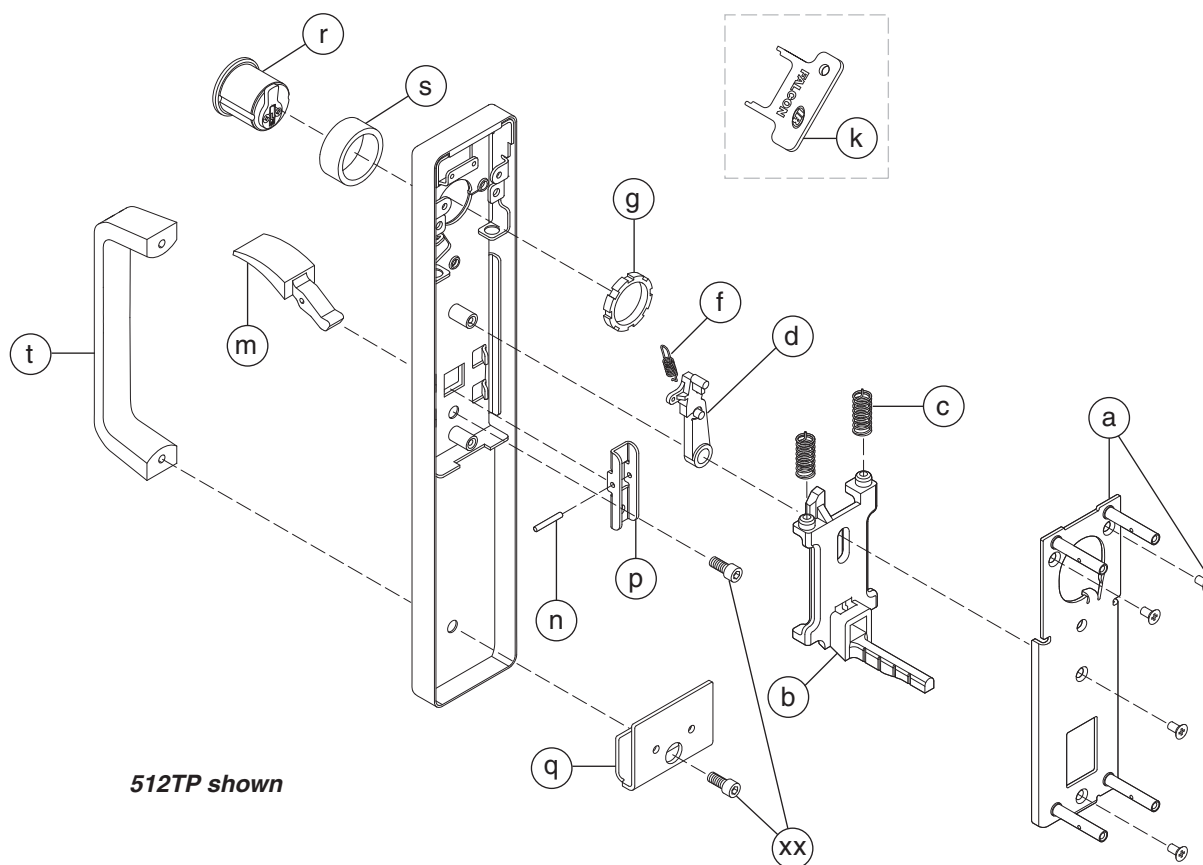
25 Series Trim: Thumbpiece (512)

512-TP, 512-TP-BE

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x ⅜" UFPHMS	
b	1	600273	Lift Block Pkg		
c	1	600284	K/T Springs Pkg	2– K/T Springs	
d	1	600275	Locking Hook Pkg		
f	1	090041	Hook Spring Pkg		
g	1	600278	Cylinder Lock Nut Pkg		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
m	1	600285	Thumbpiece Pkg		A
n	1	600286	Thumbpiece Pivot Pin Pkg		
p	1	600287	Thumbpiece Bracket Pkg		
q	1	600289	Lower Pull Bracket Pkg 1¾" Door	1– Lower Pull Bracket 1– 1/4-20 x 2¼" FPHMS * 1– Finish Washer *	A
		600290	Lower Pull Bracket Pkg 2¼" Door	1– Lower Pull Bracket 1– 1/4-20 x 2¾" FPHMS * 1– Finish Washer *	
r	1	986	1¼" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
t	1	600297	Vanguard Pull Package		A
xx	1	600288	Pull Grip Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	

* Item(s) not shown
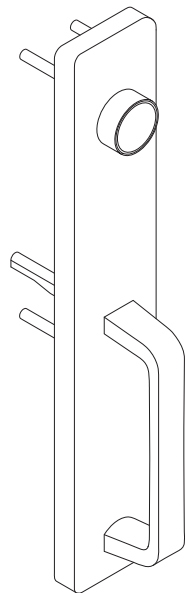A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

Specifications:

Escutcheon:	_2¾" x 16"_
Grip:	_6¼" C-C_
Projection:	_2¹¹⁄₁₆"_

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25 Series Trim: Thumbpiece (512)

512-TP-NL, 512-TP-DT

512TP-NL

512TP-DT

512TP-NL shown

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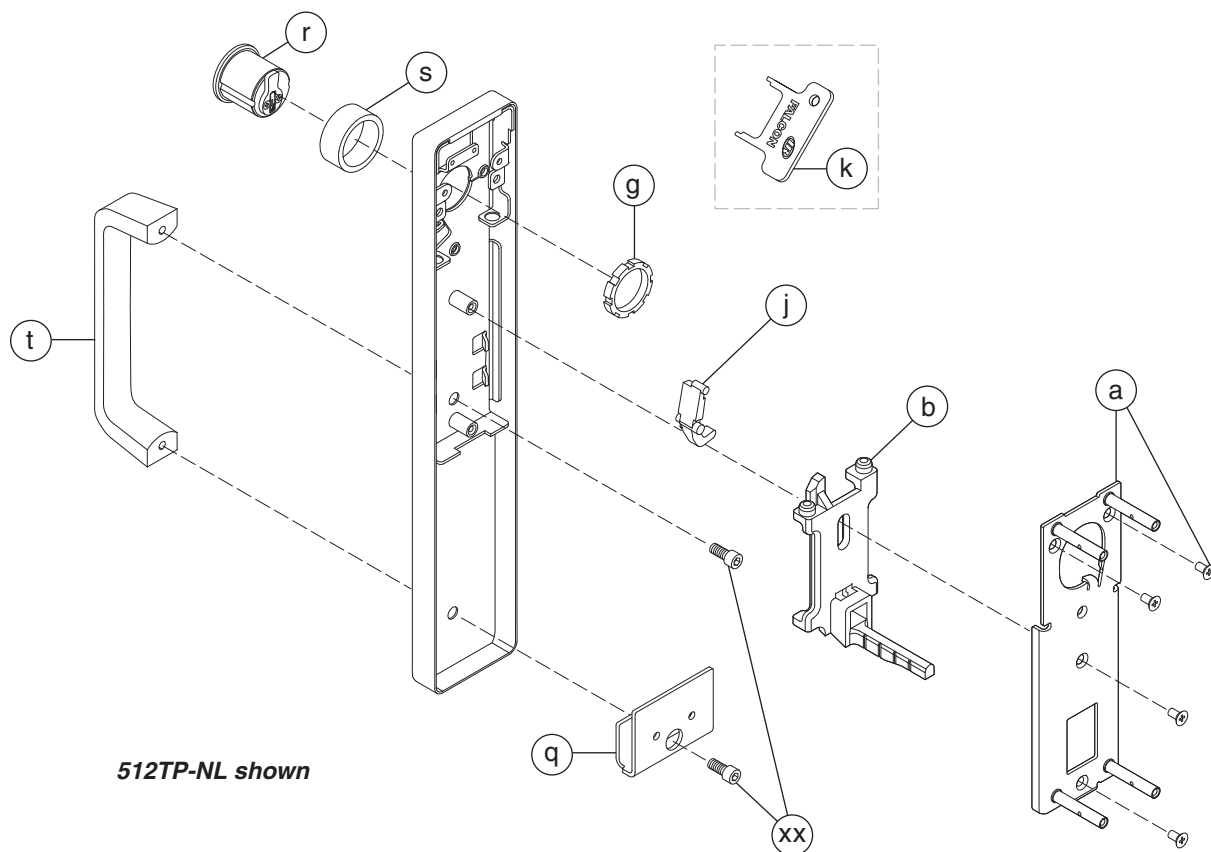
25 Series Trim: Thumbpiece (512)

512TP-NL, 512TP-DT

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x ⅜" UFPHMS	
b	1	600273	Lift Block Pkg (for NL only)		
g	1	600278	Cylinder Lock Nut Pkg		
j	1	600281	NL Cam Package		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
q	1	600289	Lower Pull Bracket Pkg 1¾" Door	1– Lower Pull Bracket 1– 1/4-20 x 2¼" FPHMS * 1– Finish Washer *	A
		600290	Lower Pull Bracket Pkg 2¼" Door	1– Lower Pull Bracket 1– 1/4-20 x 2¾" FPHMS * 1– Finish Washer *	
r	1	986	1¼" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
t	1	600297	Vanguard Pull Package		A
xx	1	600288	Pull Grip Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	

* *Item(s) not shown*
A *Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28*
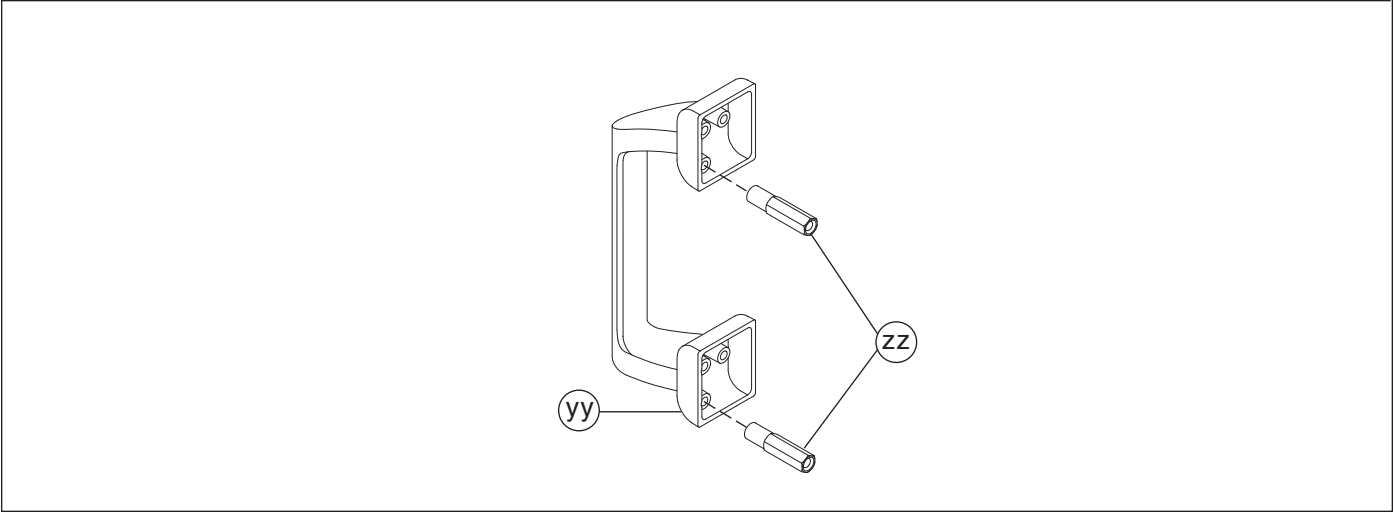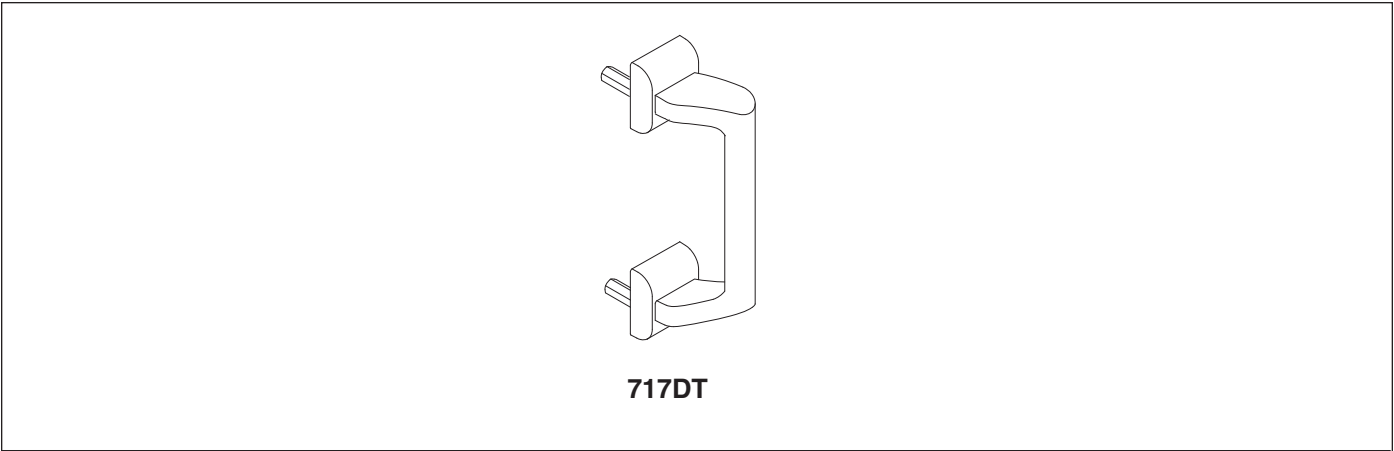
Specifications:
Escutcheon: 2¾" x 16"
Grip: 6¼" C-C
Projection: 2¹¹⁄₁₆"

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FALCON®

25 Series Trim: Delta Pull

717-DT

717DT

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
yy	2	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *
zz	2	4270	Hex Stud		

*   *Item(s) not shown. Specify finish when ordering.*
A Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28

Specifications:
Grip: *6¼"*
Projection: *2"*

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25 Series Trim: FSA/FSE, Electric Lock/Unlock

Fail Safe (unlocks when power is interrupted)

Fail Secure (locks when power is interrupted)
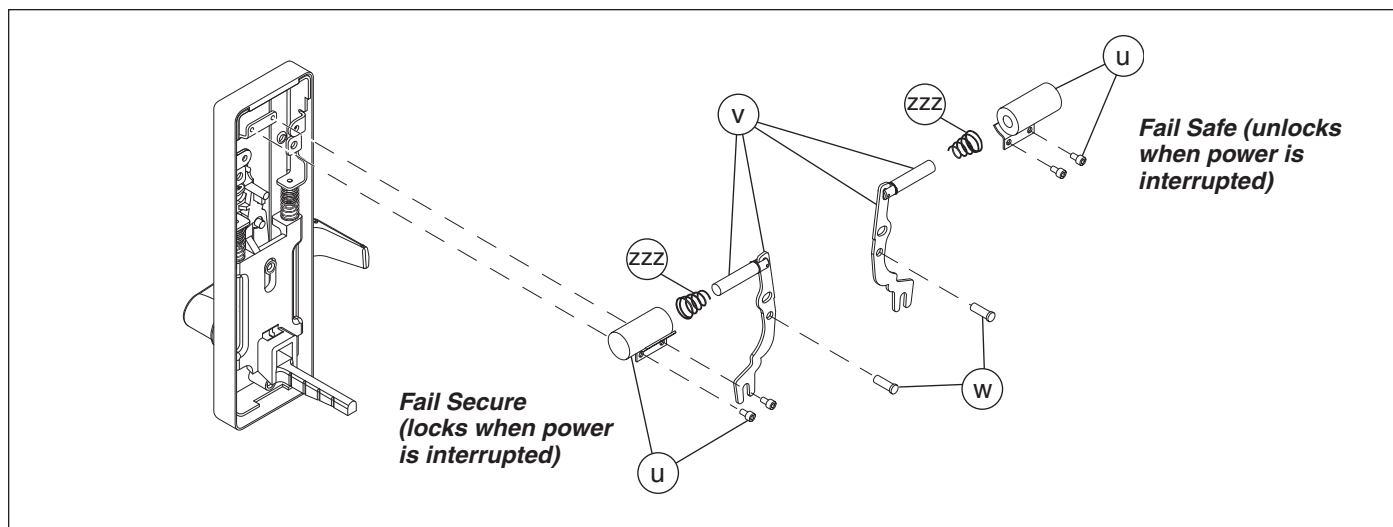
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
u	1	600293	E Trim Solenoid Pkg	1– E-Trim Solenoid 2– #6-32 x ¼" Socket Hex Head Cap Screw	
v	1	600294	E Trim Solenoid Plunger Pkg	1– E-Trim Link 1– E-Trim Plunger 1– Spirol Pin	*
w	1	600295	Pivot Pin - FSA/FSE Pkg		
zzz	1	650278	E-Trim Solenoid Spring Pkg		

*   *Item(s) not shown*

Specifications:
Solenoid rated for continuous duty at 24V DC 0.34 Amps.
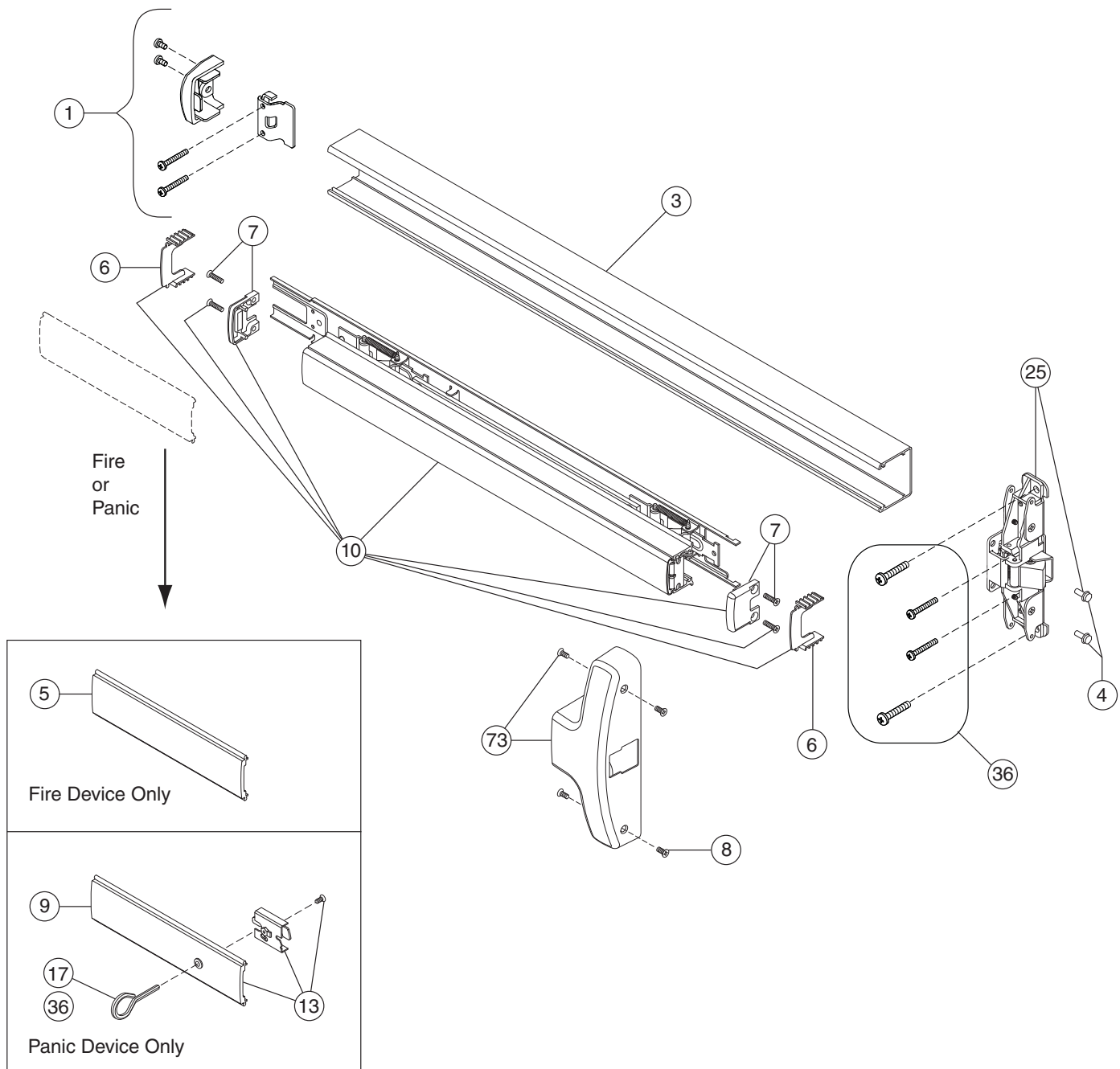*Power transfer hinge 2-wire minimum rated 1/2 Amp.*

Wire Guage Requirement:
0-500 foot wire run — 18 AWG
501-700 foot wire run — 16 AWG

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(F)24 Rim Exit Device

Panic and Fire

Fire
or
Panic

5

Fire Device Only

9

17

36

13

Panic Device Only

1

6

7

3

10

7

73

8

6

25

36

4

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(F)24 Rim Exit Device

Panic and Fire

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10 x 1¼" PPHSMS 2– #10-24 x 1" PPHMS	A
3	1	661408	Channel 3'		A
		661409	Channel 4'		
4	1	600305	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite	
		600306		2– #10-16 x ½" Hex Washer Head Taptite	
5	1	661416	Fire Channel Cover 3'		A
		661417	Fire Channel Cover 4'		
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
9	1	661424	Panic Channel Cover 3'		A, B
		661425	Panic Channel Cover 4'		
10	1	610472	Pushbar Assembly 3'	1– Pushbar Assembly 2– Pushbar Guide 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
		610473	Pushbar Assembly 4'		
13	1	650187	Hex Dogging Kit 3'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
		650188	Hex Dogging Kit 4'		
17	1	600209	⁷⁄₃₂" Hex Key Pkg		
25	1	650233	24-R Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
		650234	F-24-R Center Case Kit		
36	1	600118	(F)24-R Mounting Pkg 1¾" Door	2– #10 x 1¼" PPHSMS 2– #14 x 1" PPHSMS 2– 1/4 - 20 x ¾" PPHMS 2– 10-24 x 1½" PPHMS 1– Dogging Key	* *
36	1	600212	(F)24-R Mounting Pkg 2¼" Door	2– #10 x 1¼" PPHSMS 2– #14 x 1" PPHSMS 2– 1/4 - 20 x 1¼" PPHMS 2– #10-24 x 2" PPHMS	* * * *
73	1	650247	24-R Center Case Cover Kit	1– Center Case Cover 4– #8-18 x ⅜" UFPHSMS	A*
		650249	F-24-R Center Case Cover Kit		A

* Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B Channel Covers for CD, EA, HWEA, KOR, see page 68

(F)24-V Surface Vertical Rod Exit Device

Panic and Fire

Fire
or
Panic

Fire Device Only

Panic Device Only

Ingersoll Rand
Security Technologies

(F)24-V Surface Vertical Rod Exit Device

Panic and Fire

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
3	1	661408	Channel 3'		A
		661409	Channel 4'		
4	1	600305	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite	
		600306		2– #10-16 x ½" Hex Washer Head Taptite	
5	1	661416	Fire Channel Cover 3'		A
		661417	Fire Channel Cover 4'		A
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
9	1	661424	Panic Channel Cover 3'		A, B
		661425	Panic Channel Cover 4'		
10	1	610472	Pushbar Assembly 3'	1– Pushbar Assembly 2– Pushbar Guide 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
		610473	Pushbar Assembly 4'		
13	1	650187	Hex Dogging Kit 3'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
		650188	Hex Dogging Kit 4'		
17	1	600209	⁷⁄₃₂" Hex Key Pkg		
37	1	600119	24-V Mounting Pkg 1¾" and 2¼" Door	4– #10 x 1¼" PPHSMS 2– #10 x 1¼" FPHSMS 2– #14 x 1" PPHSMS 1– ⅛ x 1" Cotter Key 1– Dogging Key	* * * *
		600120	F-24-V Mounting Pkg 1¾" Door	2– #10-24 x ¾" PPHMS 4– #10-24 x ¾" FPHMS 2– 1/4-20 x ¾" PPHMS 1– ⅛ x 1" Cotter Key	* * *
		600218	F-24-V Mounting Pkg 2¼" Door	2– #10-24 x 1¼" PPHMS 4– #10-24 x 1¼" FPHMS 2– 1/4-20 x 1¼" PPHMS 1– ⅛" x 1" Cotter Key	* * * *
57	1	650236	(F)24-V Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
74	1	650251	(F)24-V Center Case Cover Kit	1– Center Case Cover 4– #8-18 x ⅜" UFPHSMS	A

*   Item(s) not shown.
A   Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B   Channel Covers for CD, EA, HWEA, KOR, see page 68

# (F)24-V Surface Vertical Rods and Latches

Panic and Fire

(F)24-V Surface Vertical Rods and Latches
Panic and Fire

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
37	1	600119	24-V Mounting Pkg	2– #10 x 1¼" PPHSMS 4– #10 x 1¼" FPHSMS 2– #14 x 1" PPHSMS 1– ⅛ x 1" Cotter Key 1– Dogging Key	* * * *
		600120	F-24-V Mounting Pkg 1¾" Door	2– #10-24 x ¾" PPHMS 4– #10-24 x ¾" FPHMS 2–1/4-20 x ¾" PPHMS 1– ⅛ x 1" Cotter Key	* *
		600218	F-24-V Mounting Pkg 2¼" Door	2– #10-24 x 1¼" PPHMS 4– #10-24 x 1¼" FPHMS 2–1/4-20 x 1¾" PPHMS 1– ⅛" x 1" Cotter Key	* * *
39	1	660125	Latch Case Cover Screw Pkg	4– #8-32 x ¼" UFPHMS	
40	1	588	Surface Vertical Top Latch Case Subassembly - Panic		
		F588	Surface Vertical Top Latch Case Subassembly - Fire		
41	1	661102	⅛" x 1" Cotter Key		
42	2	3781	Latch Case Cover		A
43	1	4450	Top Rod Subassembly		A
44	2	590	Rod Guide and Support Pkg		A
45	1	610046	Bottom Bolt and Rod Assembly		A
46	1	650026	Bottom Guide Assembly		A
47	1	650006	Vertical Extension Rod 12"		A
		650007	Vertical Extension Rod 24"		
		650008	Vertical Extension Rod 36"		
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod applications only)		

* Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

(F)24-C Concealed Vertical Rod Exit Device

Panic and Fire

Fire
or
Panic

Fire Device Only

Panic Device Only
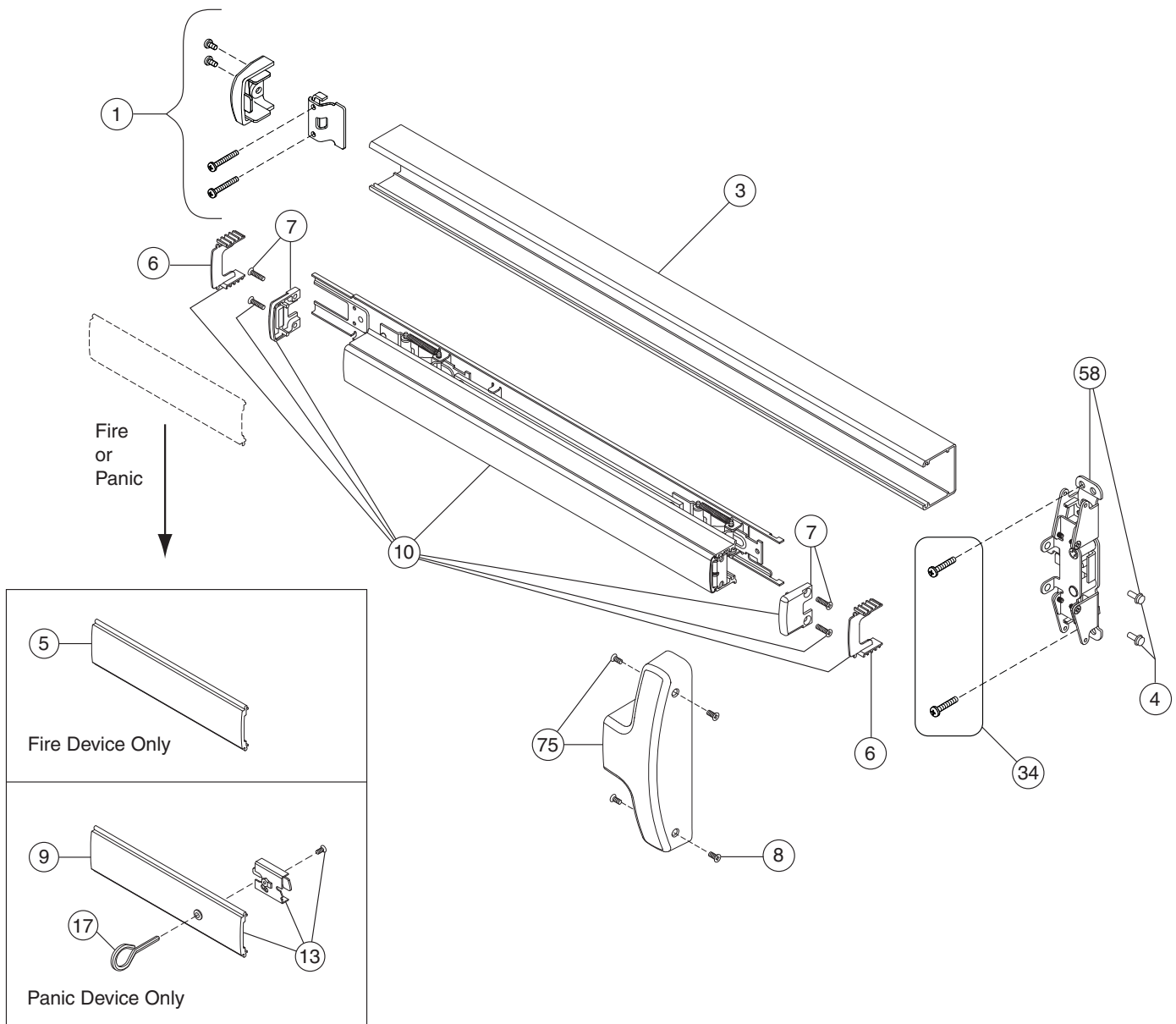
NOTE: (F)24-C Mounting Package(s) shown on page 39

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(F)24-C Concealed Vertical Rod Exit Device

Panic and Fire

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	600270	Channel Endcap Pkg	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
3	1	661408 661409	Channel 3' Channel 4'		A
4	1	600305 600306	Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite 2– #10-16 x ½" Hex Washer Head Taptite	
5	1	661416 661417	Fire Channel Cover 3' Fire Channel Cover 4'		A
6	1	600319	Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	Pushbar Endcap Pkg	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
9	1	661424 661425	Panic Channel Cover 3' Panic Channel Cover 4'		A, B
10	1	610472 610473	Pushbar Assembly 3' Pushbar Assembly 4'	1– Pushbar Assembly 2– Pushbar Guides 2– #10-16 x ½" Hex Washer Head Taptite 2– Pushbar Endcap	A
13	1	650187 650188	Hex Dogging Kit 3' Hex Dogging Kit 4'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
17	1	600209	⁷⁄₃₂" Hex Key Pkg		
58	1	650238	(F)24-C Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
75	1	650253	(F)24-C Center Case Cover Kit	1– Center Case 4– #8-18 x ⅜" UFPHSMS	A

A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B Channel Covers for CD, EA, HWEA, KOR, see page 68

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(F)24-C, F-24-C-WDC-90 Concealed Vertical Rods & Latches

Metal Door—Panic and Fire, Wood Door—90 Minute Fire Device

52 — **F-24-C**
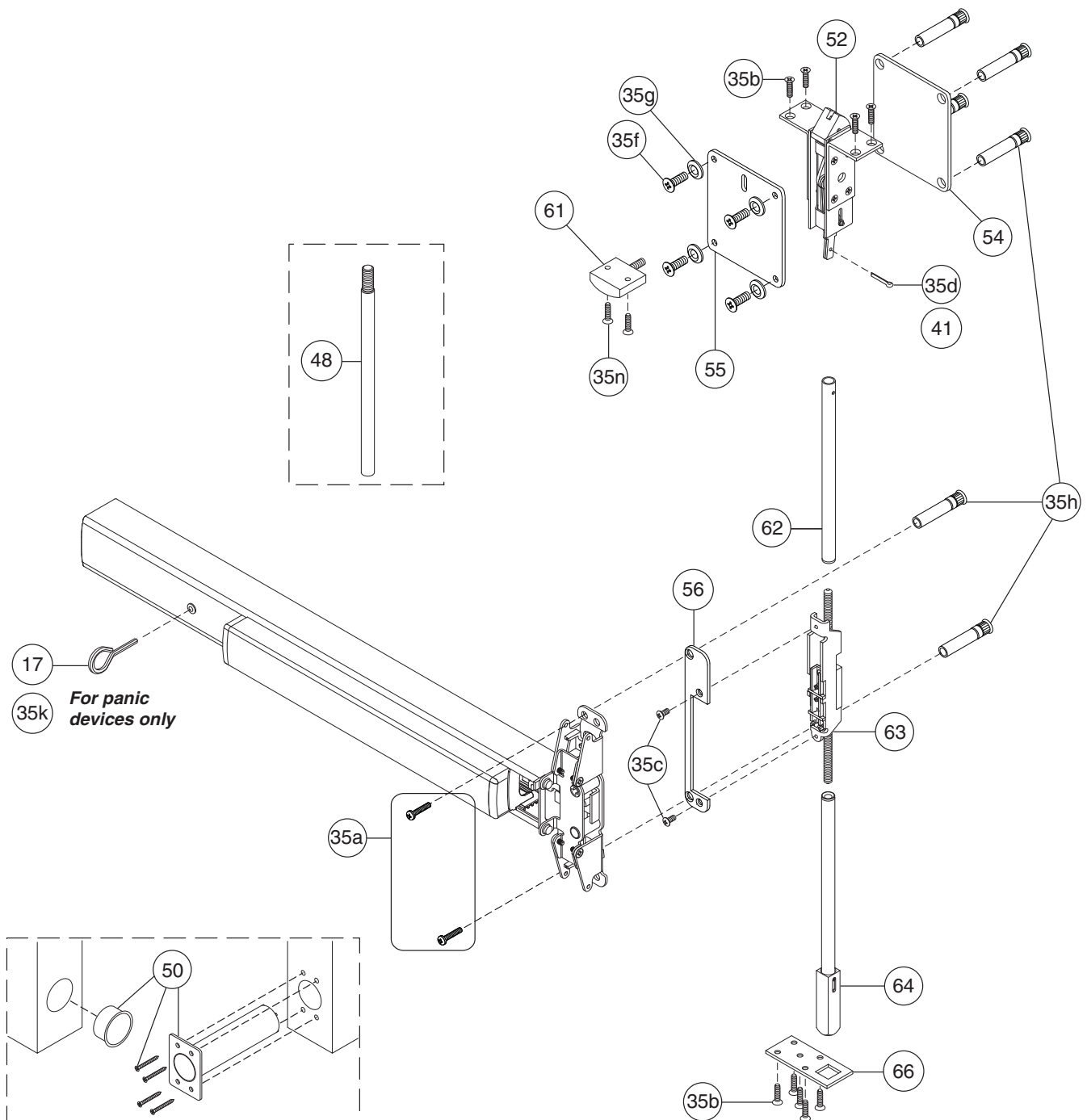**F-24-WDC-90**

34b

51 — **24-C**

34b

61

34n

34d

41

62

34f — **F-24-WDC-90**

53

48

34c

63

17 *For panic devices only*

34e

34a

50

64

65

34b

Ingersoll Rand
Security Technologies

(F)24-C, F-24-C-WDC-90 Concealed Vertical Rods & Latches
Metal Door—Panic and Fire, Wood Door—90 Minute Fire Device

Item No.	Qty.	Part No.	Description	Pkg Contents		Notes
17	1	600209	⁷⁄₃₂" Hex Key Pkg (panic device only)			
34	1	600104	F-24-C Mounting Pkg 1¾" Door	34a 34b 34c 34d —	8– #10-24 x ¾" PPHMS 7– #10-24 x ¾" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– 1/4-20 x ¾" PPHMS	*
		600105	24-C Mounting Pkg 1¾" Door	34a 34b 34c 34d 34e —	8– #10 x 1¼" PPHSMS 6– #10-24 x ¾" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 1– Dogging Key 2– #14 x 1" PPHSMS	*
		600122	F-24-CWDC 90 Minute Mounting Pkg 1¾" Door	34a 34b 34c 34d 34f — 34n	4– #10 x 1¼" PPHSMS 3– #10 x 1¼" FPHSMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– Latch Bracket 2– 1/4-20 x ¾" PPHMS 6– #10-24 x ¾" FPHMS	*
		600220	24-C Mounting Pkg 2¼" Door	34a 34b 34c 34d 34e —	8– #10 x 1¼" PPHSMS 6– #10-24 x 1¼" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 1– Dogging Key 2– #14 x 1" PPHSMS	*
		600221	F-24-C Mounting Pkg 2¼" Door	34a 34b 34c 34d —	8– #10-24 x 1¼" PPHMS 7– #10-24 x 1¼" FPHMS 2– #8-32 x ⅜" UFPHMS 1– ⅛ x 1" Cotter Key 2– 1/4-20 x 1¼" PPHMS	*
41	1	661102	⅛ x 1" Cotter Key			
48	1	650017 650018 650019	Concealed Vertical Extension Rod 12" Concealed Vertical Extension Rod 24" Concealed Vertical Extension Rod 36"			
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)			
51	1	603	Concealed Top Latch Case Subassembly (Panic)			
52	1	F603	Concealed Top Latch Case Subassembly (Fire)			
53	2	4694	Latch Bracket			
61	1	600144	Top Latch Release Subassembly			A
62	1	610061	Top Rod Subassembly			
63	1	610043	Center Slide Subassembly			
64	1	610057	Bottom Rod Subassembly			
65	1	4567	Bottom Bolt Guide			

* Item(s) not shown.
A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, SP28

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24-C-WDC, F-24-C-WDC-20 Concealed Vertical Rods & Latches

Wood Door—Panic Devices, Wood Door—20 Minute Fire Device

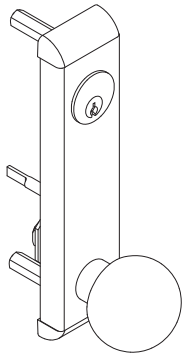| Item No.	Qty.	Part No.	Description		Pkg Contents	Notes
17	1	600209	⁷⁄₃₂" Hex Key Pkg (panic device only)			
35	1	600121	25-CWDC Mounting Pkg 1¾" Door	35a	2– 1/4-20 x ¾" PPHMS	A
				—	4– #10-24 x 1" PPHMS *	
				35b	11– #10 x 1¼" FPHSMS	

24-C-WDC, F-24-C-WDC-20 Concealed Vertical Rods & Latches

Wood Door—Panic Devices, Wood Door—20 Minute Fire Device

Item No.	Qty.	Part No.	Description	Pkg Contents		Notes
35	1	600121	25-CWDC Mounting Pkg 1¾" Door	35c	2– #8-32 x ⅜" UFPHMS	A
				—	2– ¾" CS Plate Mtg Screw *	
				35d	1– ⅛ x 1" Cotter Key	
				35f	4– ¼" CS FInish Washer	
				35g	4– 1/4-20 x ¾" FPHMS	
				35h	6– 1/4-20 Sexbolt	
				35k	1– Dogging Key	
				35n	2– #10-24 x ¾" FPHMS	
				—	2– #10-24 x ¾" FPHMS *	
		600137	F-24-CWDC 20 Minute Mounting Pkg 1¾" Door	35a	2– 1/4-20 x ¾" PPHMS	A
				35b	11– #10 x 1¼" FPHSMS	
				35c	2– #8-32 x ⅜" UFPHMS	
				35d	1– ⅛ x 1" Cotter Key	
				—	2– ¾" CS Plate Mtg Screw *	
				35f	4– ¼" CS Finish Washer	
				35g	4– 1/4-20 x ¾" FPHMS	
				35h	6– 1/4-20 Sexbolt	
				—	4– #10-24 x 1" PPHMS *	
				35n	2– #10-24 x ¾" FPHMS	
				—	2– #10-24 x ¾" FPHMS *	
		600238	24-CWDC Mounting Pkg 2¼" Door	35a	2– 1/4-20 x 1¼" PPHMS	A
				—	4– #10-24 x 1" PPHMS *	
				35b	11– #10 x 1¼" FPHSMS	
				35c	2– #8-32 x ⅜" UFPHMS	
				—	2– #8-32 x ⅜" UFPHMS *	
				35d	1– ⅛ x 1" Cotter Key	
				—	2– ¾" CS Plate Mtg Screw *	
				35f	4– 1/4-20 x 1¼" FPHMS	
				35g	4– ¼" CS Finish Washer	
				35h	6– 1/4-20 Sexbolt	
				35n	2– #10-24 x ¾" FPHMS	
41	1	661102	⅛ x 1" Cotter Key			
48	1	650017	Concealed Vertical Extension Rod 12"			
		650018	Concealed Vertical Extension Rod 24"			
		650019	Concealed Vertical Extension Rod 36"			
49	1	WF603	F-C-WDC Top Latch Case Subassembly			*
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)			
52	1	F603	Concealed Top Latch Case Subassembly (Fire)			
54	1	4833	Top Reinforcement Plate			A
55	1	4834	Top Reinforcement Plate with Access Hole			A
56	1	4832	Center Slide Reinforcement Plate			
61	1	610040	Top Latch Release Subassembly			A
62	1	610061	Top Rod Subassembly			
63	1	610043	Center Slide Subassembly			
64	1	610057	Bottom Rod Subassembly			
66	1	4835	WDC Bottom Bolt Guide			

* *Item(s) not shown.*
A *Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D*

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24 Series: Knob (711) & Lever (712) Trim—Rim/Vertical Device

711K, 711K-BE, 711K-NL, 712L, 712L-BE and 712L-NL

711K
711K-NL
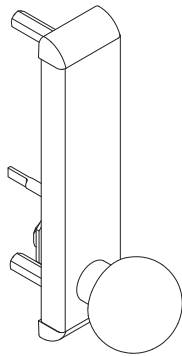
711K-BE
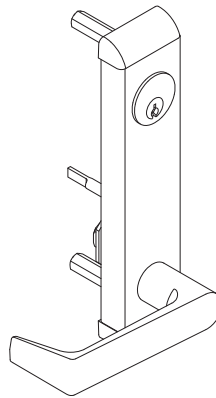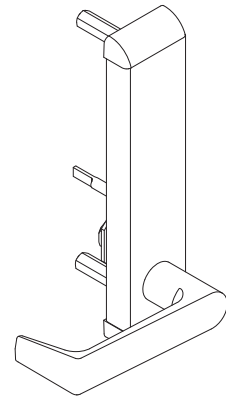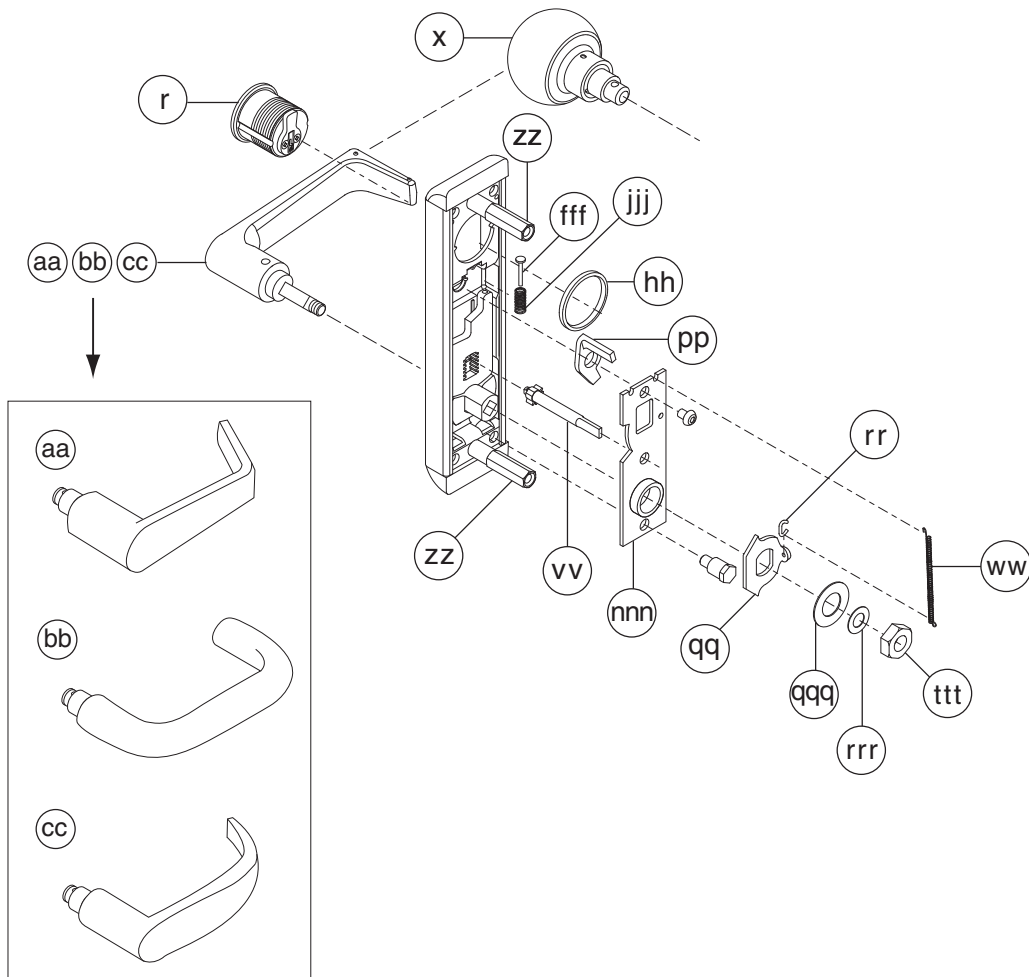
712L
712L-NL

712L-BE

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24 Series: Knob (711) & Lever (712) Trim—Rim/Vertical Device
711K, 711K-BE, 711K-NL, 712L, 712L-BE and 712L-NL

Item No.	Qty.	Part No.	Description	Notes
r	1	986	1¼" Mortise Cylinder (US3, US4, US10, US26D, SP313)	B
x	1	610119	Knob Assembly	A
aa	1	610125	Dane Lever Assembly Pkg	A
bb	1	610126	Sutro Lever Assembly Pkg	A
cc	1	610128	Quantum Lever Assembly Pkg	A
hh	1	3894	Cylinder Nut	
pp	1	4268	Locking Plate	
qq	1	4275	Spring Plate	
rr	1	4326	Lever Spring Clip	
vv	1	610197	Actuator Shaft Assembly	
ww	1	4841	Lever Return Spring	
zz	2	4270	Hex Stud	
fff	1	660471	Rivet	
jjj	1	4605	Spring	
nnn	1	610200	Retainer Plate Subassembly	
qqq	1	4218	Lever Washer Nylon	
rrr	1	660456	Washer	
ttt	1	660459	⅜" - 16 Locknut	

A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B Specify by finish shown

Specifications:
Escutcheon: 1¾" x 7¼"
Knob Projection: 4"
Lever Projection: Dane   2¼"
                  Quantum 3⅛"
                  Sutro   2¹³⁄₁₆"

24 Series: Knob (711) & Lever (712) Trim—Concealed Device

711K, 711K-BE, 712L and 712L-BE

711K
711K-NL
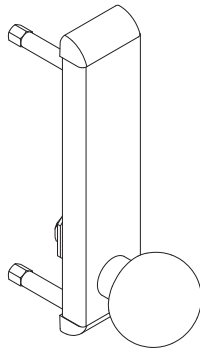
711K-BE
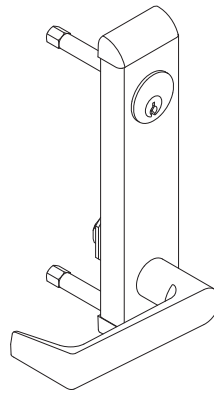
712L
712L-NL

712L-BE

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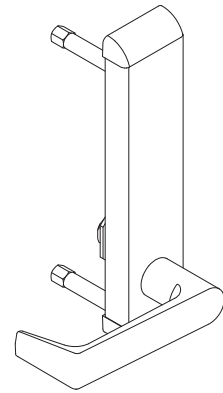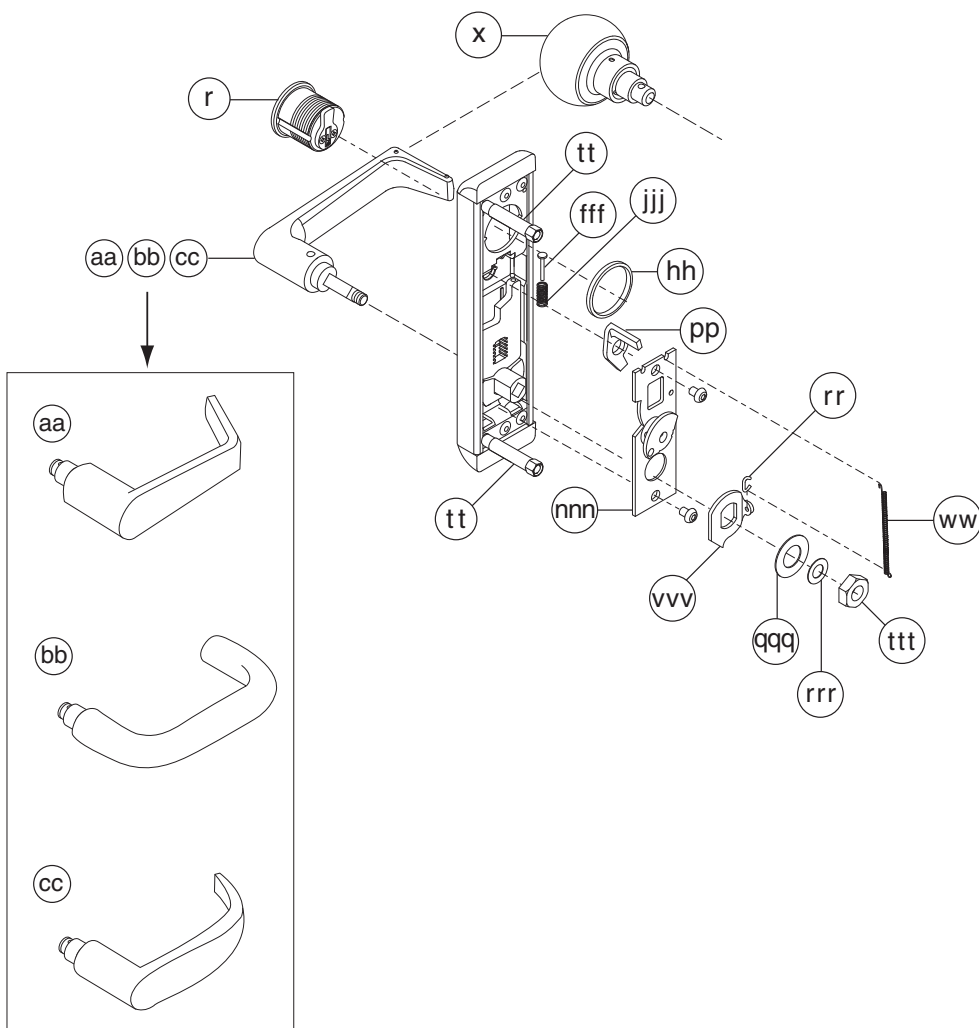
24 Series: Knob (711) & Lever (712) Trim—Concealed Device
711K, 711K-BE, 712L and 712L-BE

Item No.	Qty.	Part No.	Description	Notes
r	1	986	1¼" Mortise Cylinder (US3, US4, US10, US26D, SP313)	B
x	1	610119	Knob Assembly	A
aa	1	610125	Dane Lever Assembly Pkg	A
bb	1	610126	Sutro Lever Assembly Pkg	A
cc	1	610128	Quantum Lever Assembly Pkg	A
hh	1	3894	Cylinder Nut	
pp	1	4268	Locking Plate	
rr	1	4326	Lever Spring Clip	
tt	2	4349	Control Hex Stud	
ww	1	4841	Lever Return Spring	
fff	1	660471	Rivet	
jjj	1	4605	Spring	
nnn	1	610205	Retainer Plate Subassembly	
qqq	1	4218	Lever Washer Nylon	
rrr	1	660456	Washer	
ttt	1	660459	⅜" - 16 Locknut	
vvv	1	4408	Spring Stop Plate (handed)	

A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28
B Specify by finish shown

Specifications:

Escutcheon: *1¾" x 7¼"*
Knob Projection: *4"*
Lever Projection: Dane   *2¼"*
                Quantum *3⅛"*
                Sutro   *2¹³⁄₁₆"*

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24 Series: Knob (711) & Lever (712) Dummy Trim for Rim, Vertical and Concealed Device

711K-DT and 712L-DT

711K-DT

712L-DT

Rim or Surface Vertical Device application

Concealed Vertical Device application

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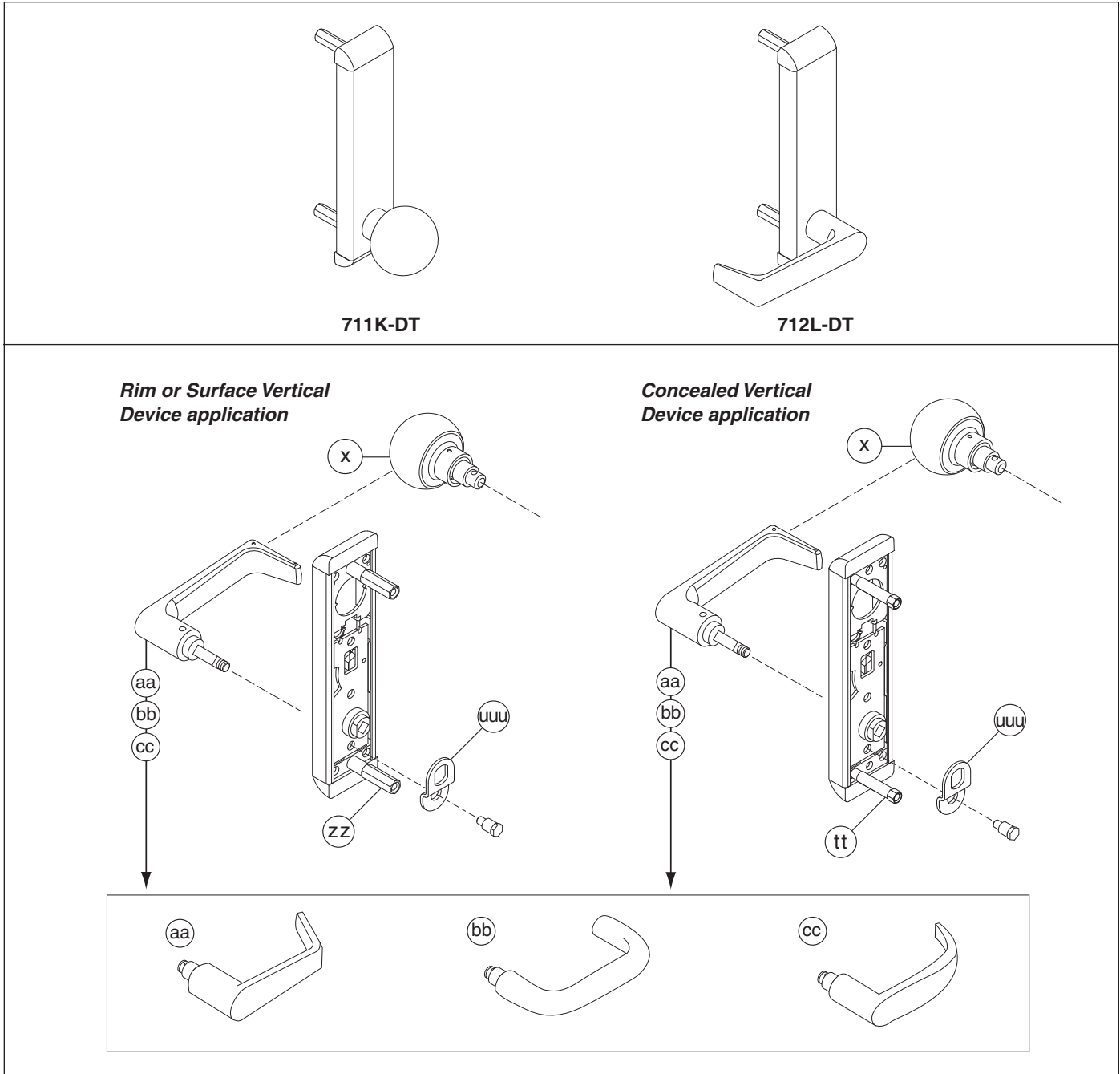
24 Series: Knob (711) & Lever (712) Dummy Trim for Rim, Vertical and Concealed Device

711K-DT and 712L-DT

Item No.	Qty.	Part No.	Description	Notes
x	1	610119	Knob Assembly	A
aa	1	610125	Dane Lever Assembly Pkg	A
bb	1	610126	Sutro Lever Assembly Pkg	A
cc	1	610128	Quantum Lever Assembly Pkg	A
tt	2	4349	Control Hex Stud	
zz	2	4270	Hex Stud	
uuu	1	4302	L-DT Lever Plate	

A Specify by finish: US3, US4, US10, SP313, US26, US32, US26D, US32D, US28

Specifications:

Escutcheon: 1¾" x 7¼"
Knob Projection: 4"
Lever Projection: Dane   2¼"
                   Quantum   3⅛"
                   Sutro   2¹³⁄₁₆"

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24 Series: Athena (715) Pull & Delta Pull (717, 718) Trim for Rim and Vertical Device

715DT, 717DT and 718DT

715DT   **717DT**   **718DT**
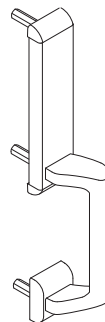
715DT   **717DT**   **718DT**
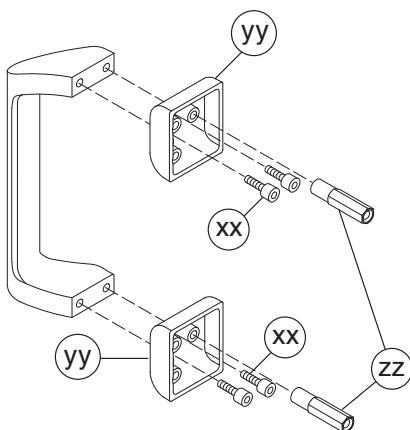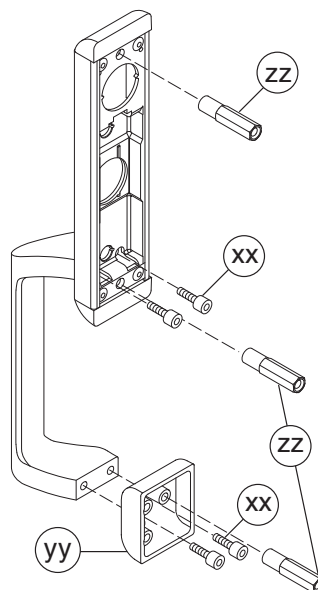
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24 Series: Athena (715) Pull & Delta Pull (717, 718) Trim for Rim and Vertical Device

715DT, 717DT and 718DT

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
xx	1	600288	Pull Grip Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	2	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *
zz	3	4270	Hex Stud		

* Item(s) not shown. Specify finish when ordering.
A Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28

Note: Athena (715DT) trim not available in US32 or US32D finish.

Specifications:
715DT Grip Overall: 1⅝" x 9"
715DT Pull: 6¼" C - C
715DT Projection: 2¼"
Delta Pull Projection: 2"
718DT Escutcheon: 1¾" x 7¼"
718DT Overall Length: 13"

FALCON ®

24 Series: Delta Pull (717, 718) Trim for Concealed Devices
717DT and 718DT

717DT

718DT

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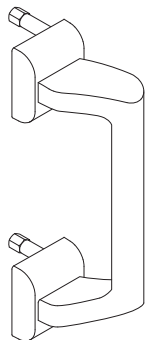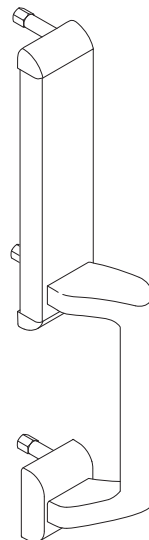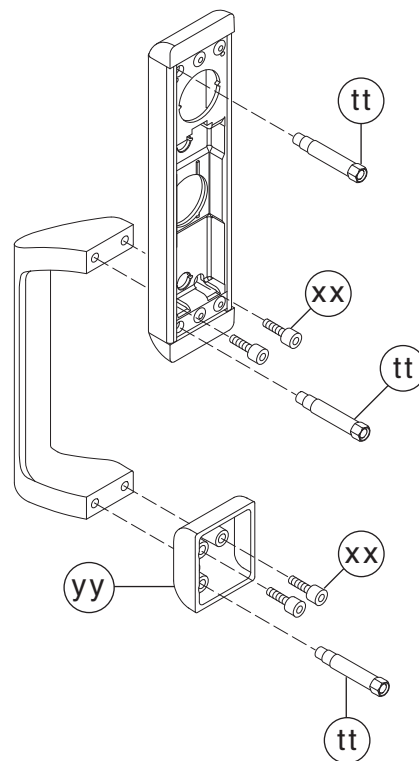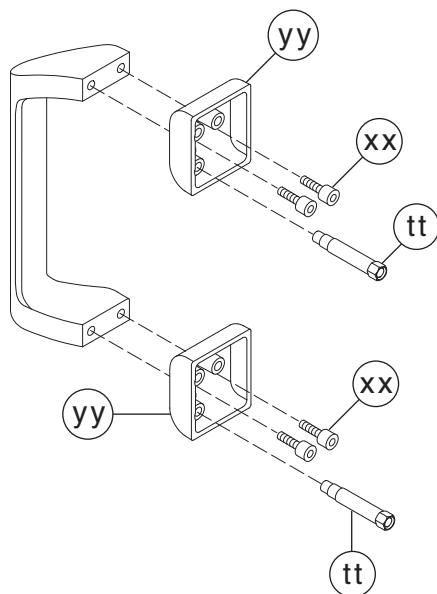
24 Series: Delta Pull (717, 718) Trim for Concealed Devices

717DT and 718DT

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
tt	3	4349	Control Hex Stud		
xx	1	600288	Pull Grip Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	2	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *

* *Item(s) not shown. Specify finish when ordering.*
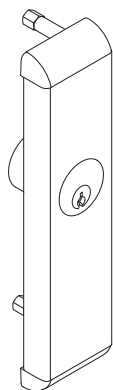A *Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28*

Specifications:

Delta Pull Projection: *2"*
718DT Escutcheon: *1¾" x 7¼"*
718DT Overall Length: *13"*

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24 Series: Delta (718) Trim for Rim and Vertical Device

718C and 718-NL

718C

718NL

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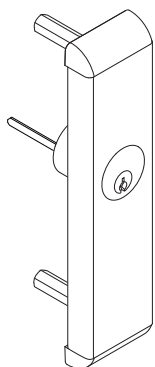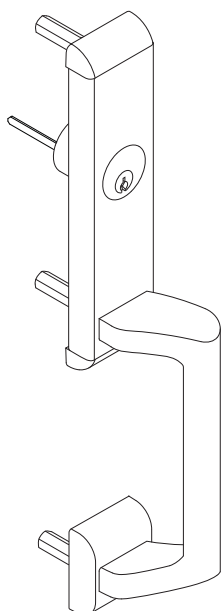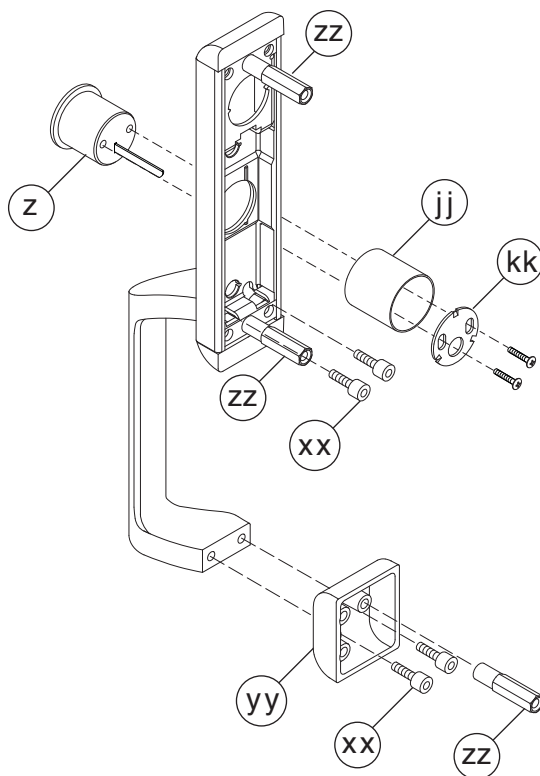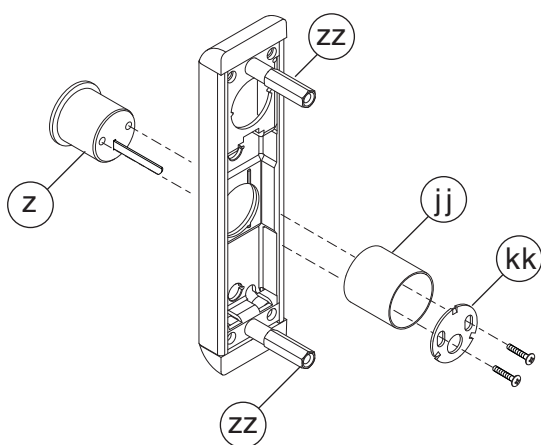
24 Series: Delta (718) Trim for Rim and Vertical Device

718C and 718-NL

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
z	1	951	Rim Cylinder (US3, US4, US10, US26D, SP313)		B
jj	1	4120	Cylinder Spacer Collar		
kk	1	4121	Cylinder Anchor Plate		
xx	1	600288	Pull Grip Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	1	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *
zz	3	4270	Hex Stud		

*   Item(s) not shown. Specify finish when ordering.
A   Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28
B   Specify by finish shown.

Specifications:

Escutcheon:	*1¾" x 7¼"*
Projection:	*2"*
Overall Length:	*13"*

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FALCON®

24 Series: Delta (718) Trim for Concealed Device

718C and 718-NL

718C

718NL

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24 Series: Delta (718) Trim for Concealed Device
718C and 718-NL

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
r	1	985	1⅛" Mortise Cylinder x ⅛" Blocking Ring with supplied cam (US3, US4, US10, US26D, SP313)		B
gg	1	4131	Cylinder Retaining Bracket		
hh	1	3894	Cylinder Nut		
tt	3	4349	Control Hex Stud		
uu	1	4831	Falcon Cam NL Concealed		
xx	1	600288	Pull Grip Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	1	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *

* Item(s) not shown. Specify finish when ordering.
A Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28
B Specify by finish shown.
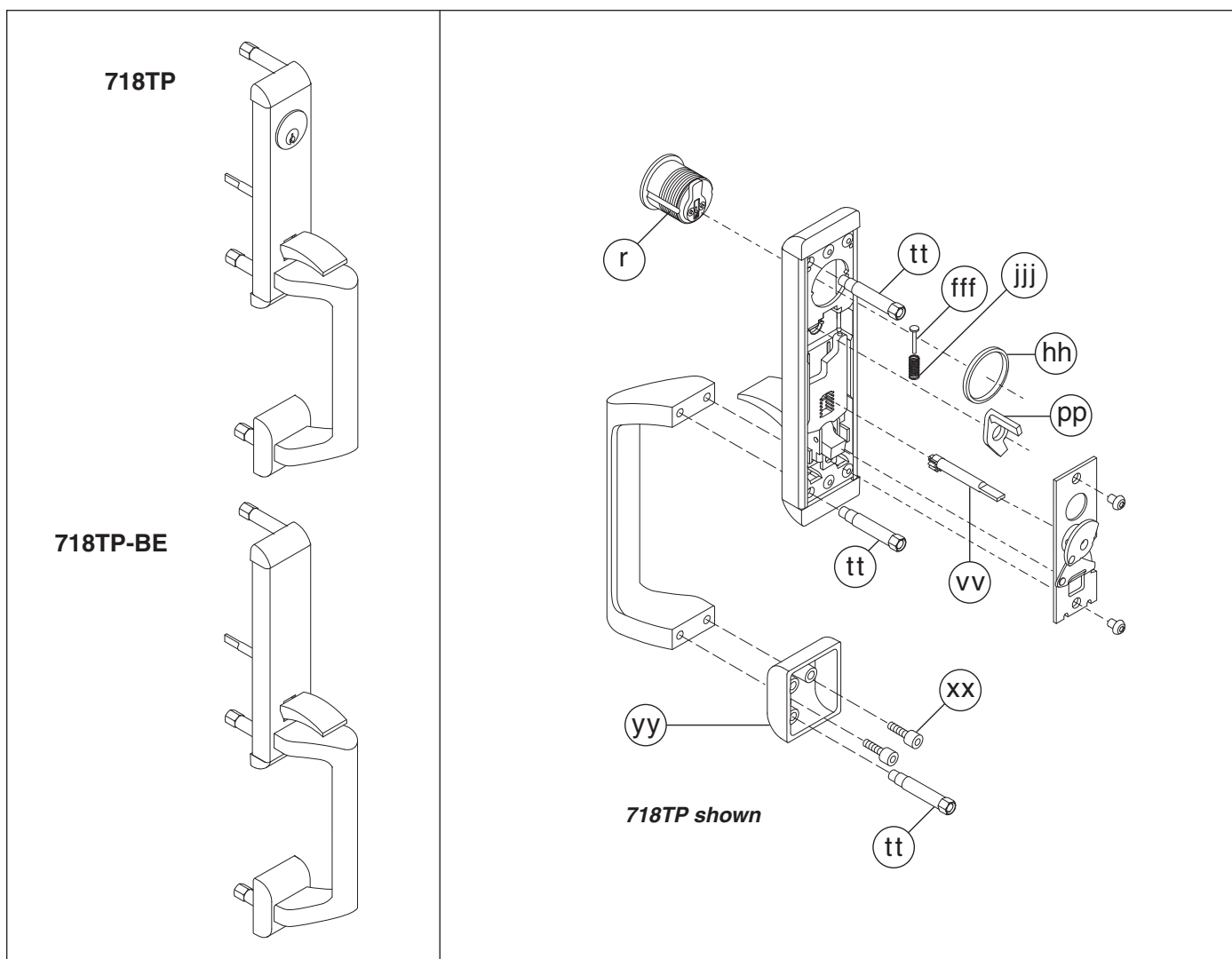
Specifications:
Escutcheon: 1¾" x 7¼"
Projection: 2"
Overall Length: 13"

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24 Series: Control Pull Trim (710) for Rim or Vertical Device
710-DT and 710-NL

710DT

710NL

710NL shown
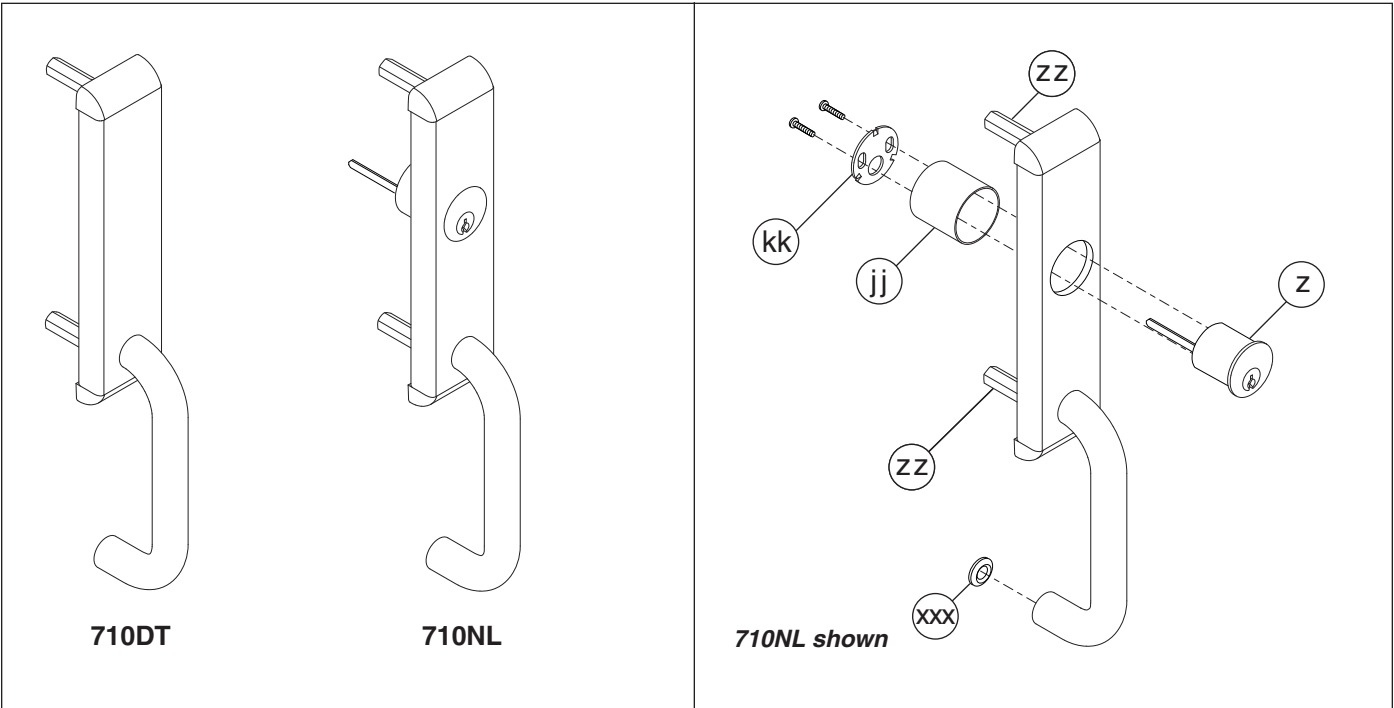
Item No.	Qty.	Part No.	Description	Notes
z	1	951	Rim Cylinder (US3, US4, US10, US26D, SP313)	B
jj	1	4120	Cylinder Spacer Collar	
kk	1	4121	Cylinder Anchor Plate	
zz	2	4270	Hex Stud	
xxx	1	660428	Finished Countersink Washer (US3, US4, US10)	B
		660429	Finished Countersink Washer (US26, US26D, US32, US32D, SP28)	B
		660430	Finished Countersink Washer (SP313)	

B Specify by finish shown

Specifications:

Escutcheon: $1\frac{3}{4}" \times 7\frac{1}{4}"$

Projection: $2\frac{1}{4}"$

Overall Length: $11\frac{3}{4}"$

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24 Series: Control Thumbpiece (710) Trim - Rim/Vertical Device

710TP and 710TP-BE
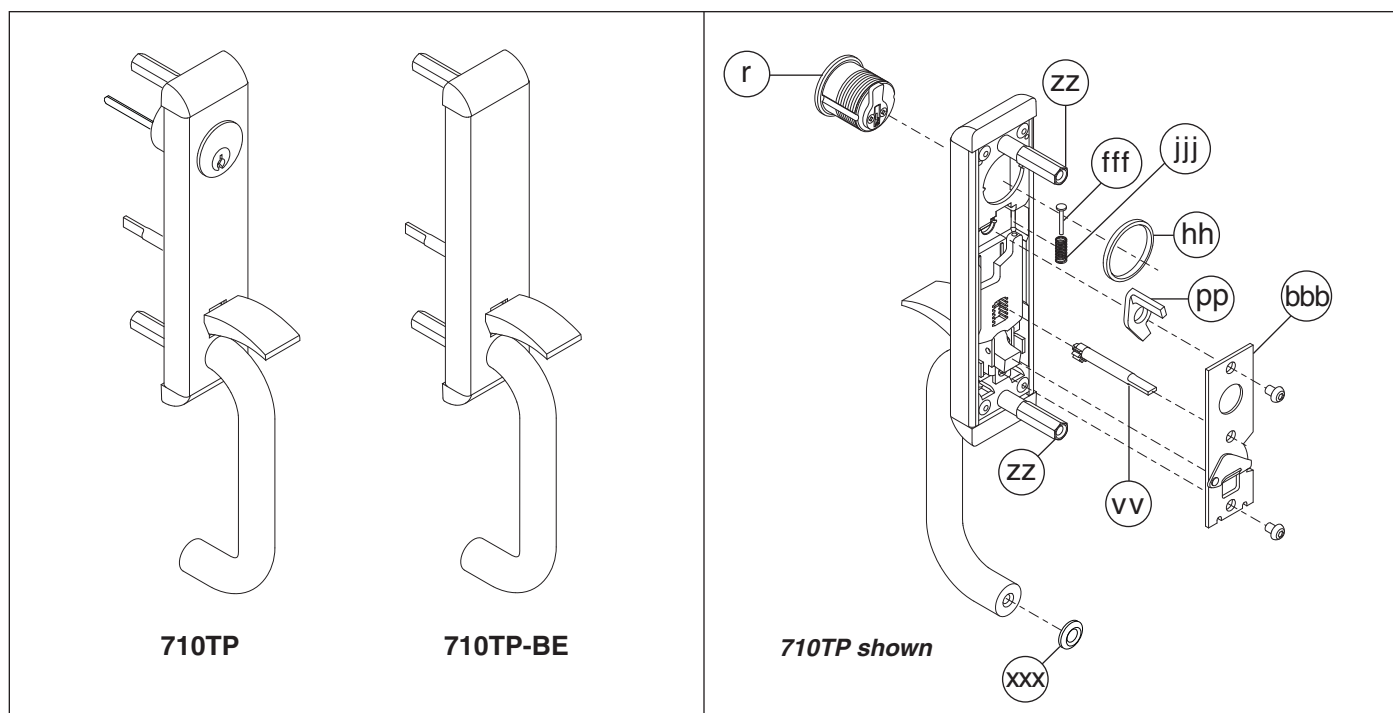
710TP   **710TP-BE**   *710TP shown*

Item No.	Qty.	Part No.	Description	Notes
r	1	986	1¼" Mortise Cylinder (US3, US4, US10, US26D, SP313)	B
hh	1	3894	Cylinder Nut	
pp	1	4268	Locking Plate	
vv	1	610197	Actuator Shaft Assembly	
zz	2	4270	Hex Stud	
bbb	1	610199	TP Retainer Plate Subassembly	
fff	1	660471	Rivet	
jjj	1	4605	Spring	
xxx	1	660428	Finished Countersink Washer (US3, US4, US10)	B
		660429	Finished Countersink Washer (US26, US26D, US32, US32D, SP28)	B
		660439	Finished Countersink Washer (SP313)	

B Specify by finish shown

Specifications:

Escutcheon:	1¾" x 7¼"
Projection:	2¼"
Overall Length:	11¾"

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FALCON®

24 Series: Delta Thumbpiece (718) Trim - Rim/Vertical Device
718TP and 718TP-BE

718TP

718TP-BE

r

zz

fff

jjj

hh

pp

vv

zz

bbb

xx

yy

zz

718TP shown

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24 Series: Delta Thumbpiece (718) Trim - Rim/Vertical Device
718TP and 718TP-BE

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
r	1	986	1⅛" Mortise Cylinder (US3, US4, US10, US26D, SP313)		B
hh	1	3894	Cylinder Nut		
pp	1	4268	Locking Plate		
vv	1	610197	Actuator Shaft Assembly		
xx	1	600288	Pull Grips Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	1	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *
zz	3	4270	Hex Stud		
bbb	1	610199	TP Retainer Plate Subassembly		
fff	1	660471	Rivet		
jjj	1	4605	Spring		

*   Item(s) not shown. Specify finish when ordering.
A   Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28
B   Specify by finish shown

Specifications:

Escutcheon: 1¾" x 7¼"
Projection: 2"
Overall Length: 13"

Ingersoll Rand
Security Technologies

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24 Series: Delta Thumbpiece (718) Trim - Concealed Device
718TP and 718TP-BE

718TP

718TP-BE

718TP shown

24 Series: Delta Thumbpiece (718) Trim - Concealed Device
718TP and 718TP-BE

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
r	1	986	1⅛" Mortise Cylinder (US3, US4, US10, US26D, SP313)		B
hh	1	3894	Cylinder Nut		
pp	1	4268	Locking Plate		
tt	3	4349	Control Hex Stud		
vv	1	610197	Actuator Shaft Assembly		
xx	1	600288	Pull Grips Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	1	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHMS 1– Finish Washer	A * *
fff	1	660471	Rivet		
jjj	1	4605	Spring		

* Item(s) not shown. Specify finish when ordering.
A Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28
B Specify by finish shown.

Specifications:

Escutcheon: 1¾" x 7¼"
Projection: 2"
Overall Length: 13"

Ingersoll Rand Security Technologies

Questions? P 800-266-4456 | F 800-924-3551 | www.falcon.ingersollrand.com   61

24 Series: Turn Lever (719) Trim for Surface Vertical Device
719TL and 719TL-BE

719TL

719TL-BE

719TL
719TL-BE

r

zz

fff

jjj

hh

pp

zz

qqq

nnn

rrr

ttt

ss
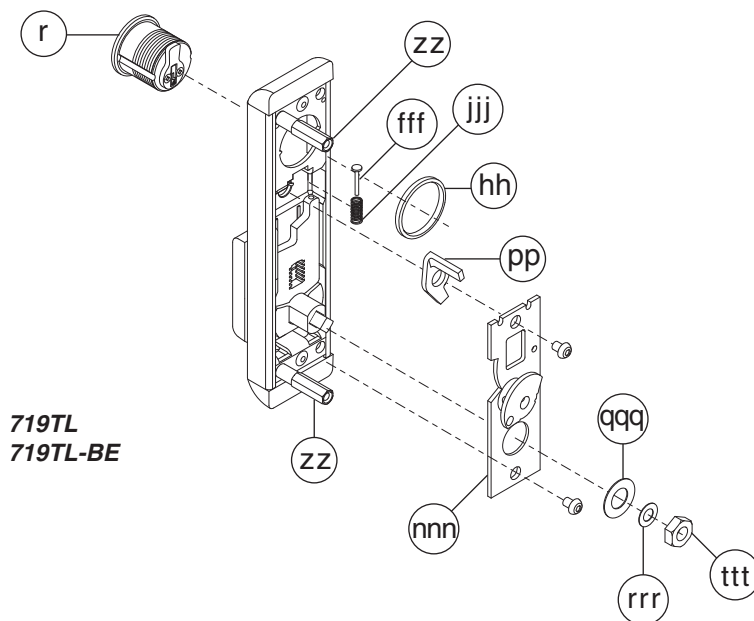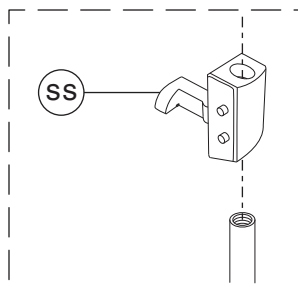
Rod Member for 719TL, 719TL-BE
24-V application

Ingersoll Rand
Security Technologies

24 Series: Turn Lever (719) Trim for Surface Vertical Device

719TL and 719TL-BE

Item No.	Qty.	Part No.	Description	Notes
r	1	986	1¼" Mortise Cylinder (US3, US4, US10, US26D, SP313)	B
hh	1	3894	Cylinder Nut	
pp	1	4268	Locking Plate	
ss	1	600267	Rod Member (includes 2 set screws)	A
zz	2	4270	Hex Stud	
fff	1	660471	Rivet	
jjj	1	4605	Spring	
nnn	1	610205	Retainer Plate Subassembly	
qqq	1	4218	Lever Washer Nylon	
rrr	1	660456	Washer	
ttt	1	660459	⅜" - 16 Locknut	

A Specify by finish: US3, US4, US10, US10B, US26, US26D, US32, US32D
B Specify by finish shown

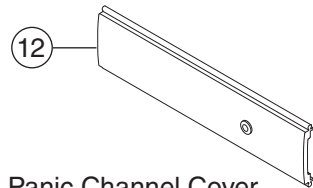**Specifications:**
Escutcheon: *1¾" x 7¼"*
Projection: *1¾"*

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Security Technologies

Questions? P 800-266-4456 | F 800-924-3551 | www.falcon.ingersollrand.com   63

24 Series: Turn Lever (719) Trim for Concealed Vertical Device
719TL, 719TL-BE and 719TLP

719TL   719TL-BE   719TLP
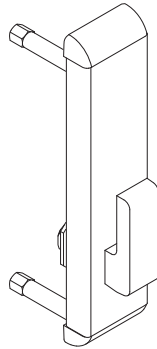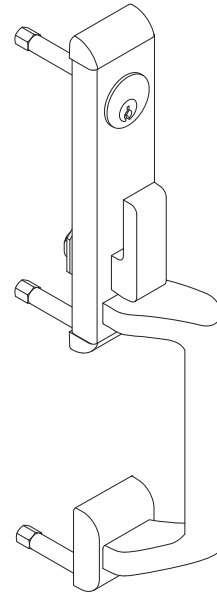
Ingersoll Rand
Security Technologies
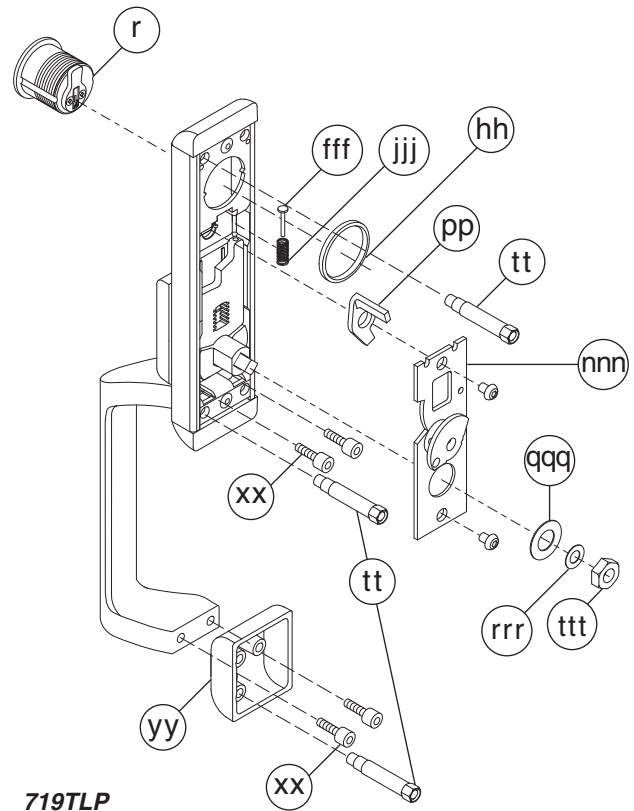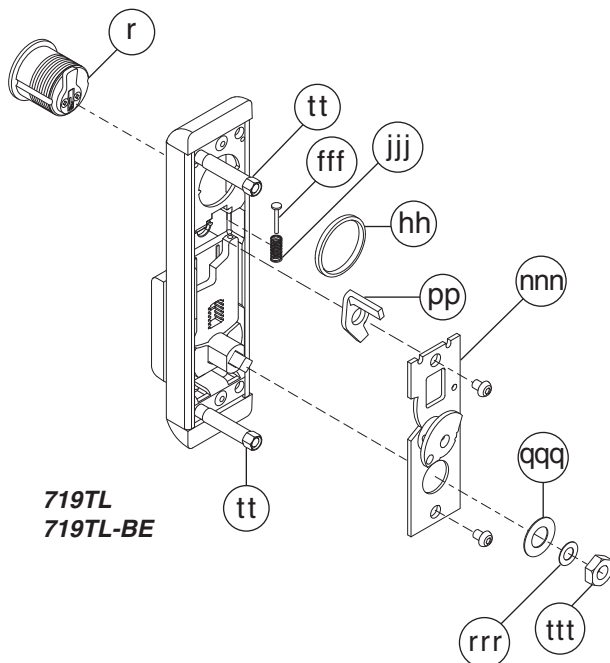
24 Series: Turn Lever (719) Trim for Concealed Vertical Device

719TL, 719TL-BE and 719TLP

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
r	1	986	1¼" Mortise Cylinder (US3, US4, US10, US26D, SP313)		B
hh	1	3894	Cylinder Nut		
pp	1	4268	Locking Plate		
tt	3	4349	Control Hex Stud		
xx	1	600288	Pull Grips Screws Pkg	10– 1/4-20 x ½" Hex Socket Head Cap Screw	
yy	1	600289	Lower Pull Bracket Pkg, 1¾" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¼" FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg, 2¼" Door	1– Lower Pull Bracket 2– 1/4-20 x 2¾" FPHiMS 1– Finish Washer	A * *
fff	1	660471	Rivet		
jjj	1	4605	Spring		
nnn	1	610205	Retainer Plate Subassembly		
qqq	1	4218	Lever Washer Nylon		
rrr	1	660456	Washer		
ttt	1	660459	⅜" - 16 Locknut		

* Item(s) not shown. Specify finish when ordering.
A Specify by finish: US3, US4, US10, SP313, US26, US26D, US32, US32D, US28
B Specify by finish shown.

Specifications:

Escutcheon: *1¾" x 7¼"*
Projection: *1¾"*
Overall Length: *13"*

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Security Technologies

Questions? P 800-266-4456 | F 800-924-3551 | www.falcon.ingersollrand.com   65

24/25 Series Channel Cover Options
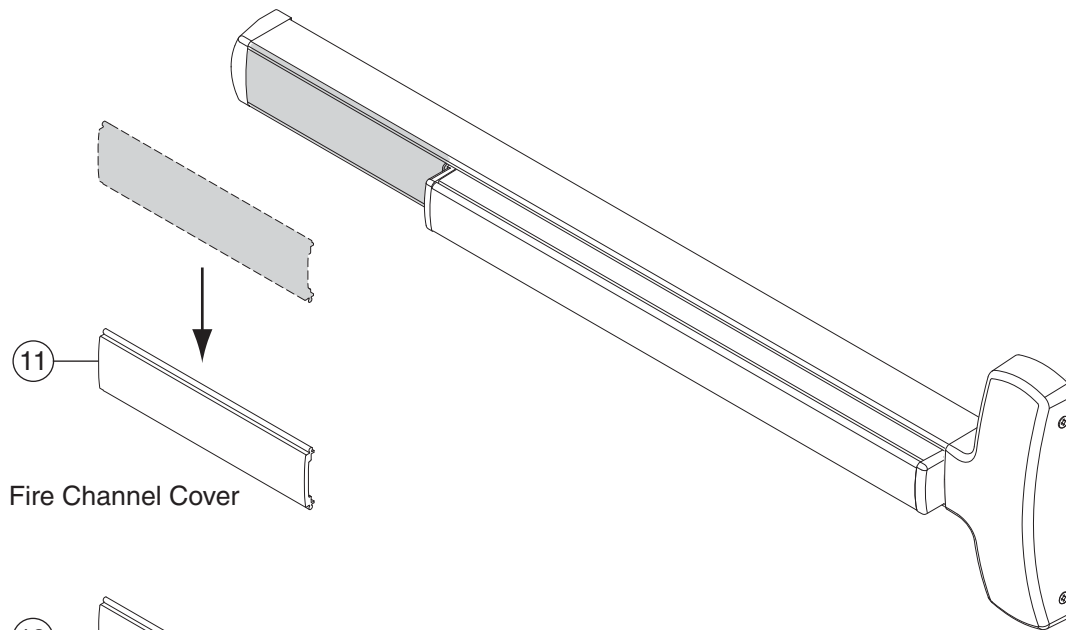
Fire Channel Cover
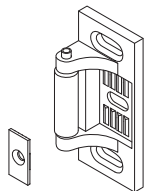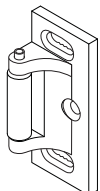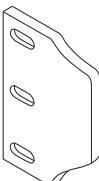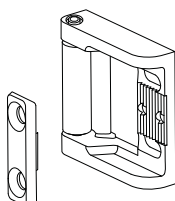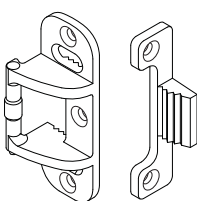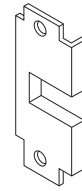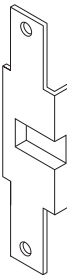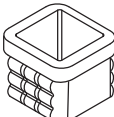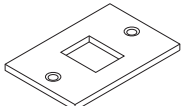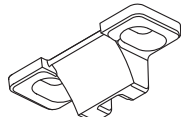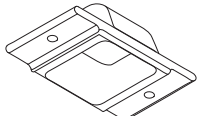
Panic Channel Cover
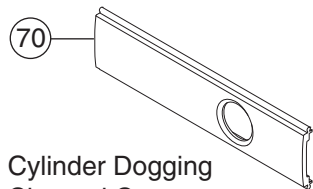
Cylinder Dogging
Channel Cover
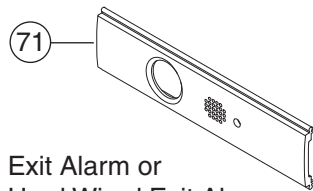
Exit Alarm or
Hard Wired Exit Alarm
Channel Cover
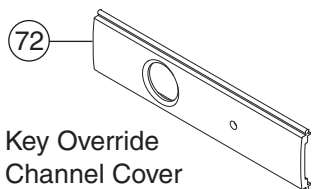
Key Override
Channel Cover

Item No.	Qty.	Part No.	Description	Notes
11	1	661420	25 Series Fire Channel Cover 3'	
	1	661421	25 Series Fire Channel Cover 4'	
	1	661416	24 Series Fire Channel Cover 3'	
	1	661417	24 Series Fire Channel Cover 4'	
12	1	661428	25 Series Panic Channel Cover 3'	
	1	661429	25 Series Panic Channel Cover 4'	
	1	661424	24 Series Panic Channel Cover 3'	
	1	661425	24 Series Panic Channel Cover 4'	
70	1	650119	25 Series CD Channel Cover 3'	
	1	650120	25 Series CD Channel Cover 4'	
	1	650115	24 Series CD Channel Cover 3'	A
	1	650116	24 Series CD Channel Cover 4'	
71	1	650135	25 Series EA/HWEA Channel Cover 3'	
	1	650136	25 Series EA/HWEA Channel Cover 4'	
	1	650131	24 Series EA/HWEA Channel Cover 3'	
	1	650132	24 Series EA/HWEA Channel Cover 4'	
72	1	650143	25 Series KOR Channel Cover 3'	
	1	650144	25 Series KOR Channel Cover 4'	
	1	650139	24 Series KOR Channel Cover 3'	
	1	650140	24 Series KOR Channel Cover 4'	

A   Specify by finish: US3, US4, US10, SP313, US26, US32D, US26D, US32D, US28

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24/25 Series Strikes

299 **Standard Rim Panic Devices Single or Double Door**	299F **Standard Rim Fire Devices Single or Double Door**	264 **Optional Rim Panic Devices Single or Double Door**	1606 **Optional Rim Panic Devices Single or Double Door**	1609 **Optional 25 Rim Devices Double Doors**
1439 **Optional Rim Panic Devices Single or Double Door**	499F **Optional 25 Rim Fire Devices w/Mullion**	1279 **Standard Mortise Panic and Fire Device**	F1280 **Optional Mortise Fire Device**	1281 **Optional Mortise Panic Device**
2130 **Bottom Strike, Std. Surface & Concealed Vertical Panic or Fire Devices**	4155 **Bottom Strike, Opt. Surface & Concealed Vertical Panic or Fire Devices**		3788 **Top Strike, Standard Surface Vertical Panic or Fire Devices**	4188 **Top Strike, Standard Concealed Vertical Panic or Fire Devices** *Optional 4188 NS (narrow stile) available for 24-C and 24-CWDC devices (not shown)*

Strike Finishes

Strike(s)	Available Finishes
264	US3, US19 (BHMA 622, Matte Black), US26
299, 299F, 1609	US3, US4, US10, US10B, US19, US26, US26D, US32D
499F	US4, US10, US10B, US19, US26D, US32D
1281, 4155	US4, US10, US10B, US26D, US32D
1439, 1606, 1279, 1280, 2130, 3788, 4188	Unfinished

Ingersoll Rand
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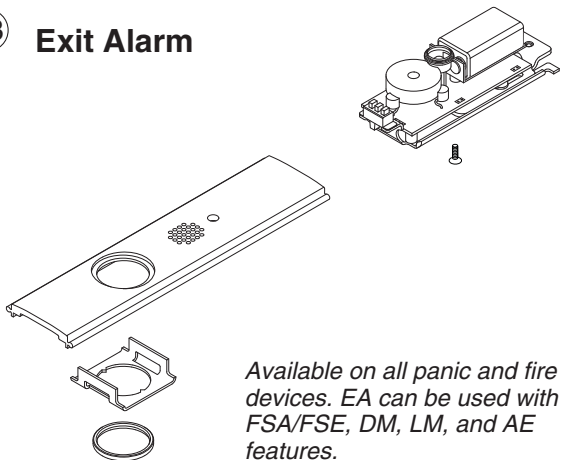*Questions? P 800-266-4456 | F 800-924-3551 | www.falcon.ingersollrand.com*   67

24/25 Series Electrical Options

Electric Latch Retraction (EL), Exit Alarm (EA), Hard Wired Exit Alarm (HWEA)

⑧⓪ **Electric Latch Retraction**

Available on all panic and fire devices. EL can be used with FSA/FSE, DM, LM, AE, and LK features. EL cannot be used with ED, EA, HWEA or KOR.

⑧① ⑧②

⑧③ **Exit Alarm**

Available on all panic and fire devices. EA can be used with FSA/FSE, DM, LM, and AE features.

⑧④ **Hard Wired Exit Alarm**

Available on all panic and fire devices.
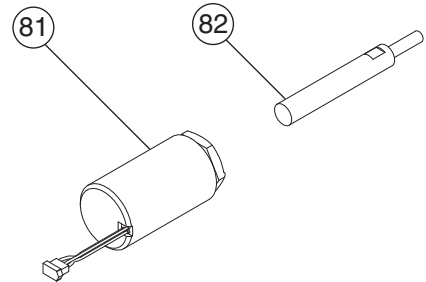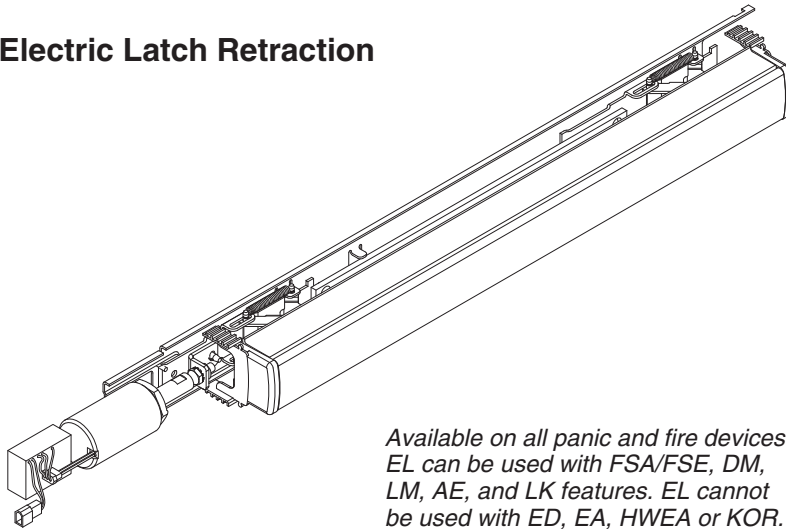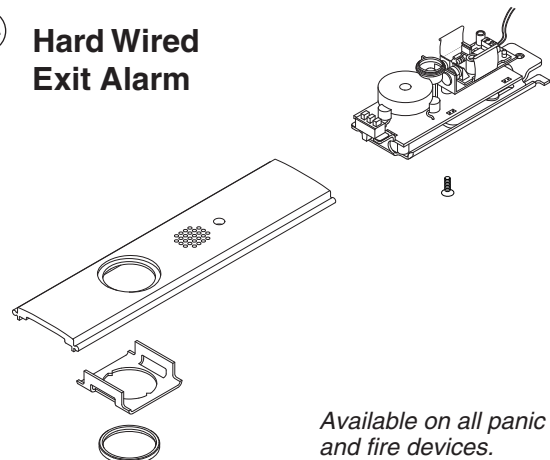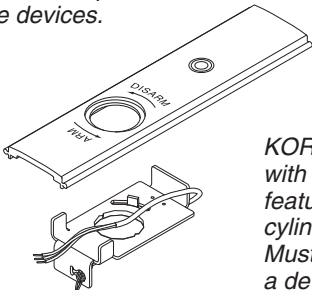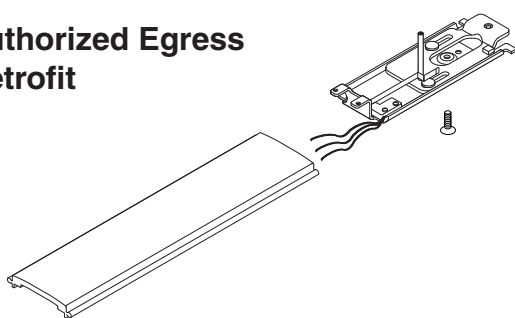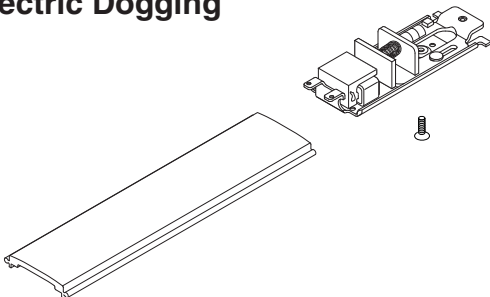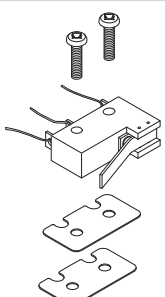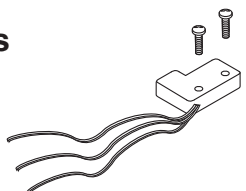
Item No.	Qty.	Part No.	Description	Notes
80	1	650147	Electric Latch Retraction (EL) Conversion Kit 3'	A
		650148	Electric Latch Retraction (EL) Conversion Kit 4'	
81	1	600320	Solenoid Body Pkg	
82	1	600321	Solenoid Plunger Pkg	
83	1	650167	25 Series Exit Alarm (EA) Conversion Kit 3'	A
		650168	25 Series Exit Alarm (EA) Conversion Kit 4'	
		650163	24 Series Exit Alarm (EA) Conversion Kit 3'	
		650164	24 Series Exit Alarm (EA) Conversion Kit 4'	
84	1	650175	25 Series Hard Wired Exit Alarm (HWEA) Conversion Kit 3' (US3, US26, US32)	A
		650176	25 Series Hard Wired Exit Alarm (HWEA) Conversion Kit 4' (US3, US26, US32)	
		650171	24 Series Hard Wired Exit Alarm (HWEA) Conversion Kit 3'	
		650172	24 Series Hard Wired Exit Alarm (HWEA) Conversion Kit 4'	

A Specify by finish: US3, US4, US10, SP313, US26, US32D, US26D, US32D, US28

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24/25 Series Electrical Options

**Key Override (KOR), Electric Dogging (ED), Authorized Egress (AE) Retrofit,
Latch Monitoring (LM) Switch, Device Monitoring (DM) Switch, Authorized Egress (AE) Switch**

⑧⑤ **Key Override Retrofit**

Available on all panic and fire devices.

KOR is not available with EA or HWEA feature, or with cylinder dogging. Must be used with a device monitoring switch.

⑧⑥ **Electric Dogging**

Available on all panic or fire devices. ED cannot be used with EA, HWEA, KOR, or EL. If used with fire-rated device, must be tied into fire alarm panel.

⑧⑦ **Authorized Egress Retrofit**

⑧⑧ **Latch Monitoring Device Monitoring**

Not available with 24 Fire Rim devices. DM cannot be used with LM.

⑧⑨ **Authorized Egress Switch**

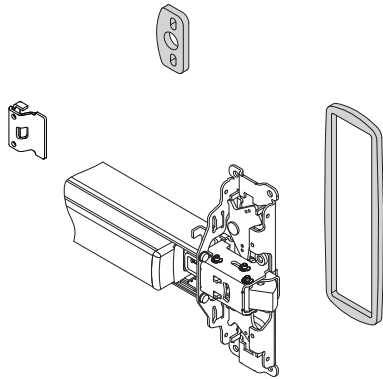| Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
85	1	650289	25 Series Key Override (KOR) w/Standard Dogging Kit 3'	1– Channel Cover KOR 1– KOR Switch Assembly	A
		650290	25 Series Key Override (KOR) w/Standard Dogging Kit 4'		
		650291	24 Series Key Override (KOR) w/Standard Dogging Kit 3'		
		650292	24 Series Key Override (KOR) w/Standard Dogging Kit 4'		
86	1	650199	25 Series Electric Dogging (ED) Kit 3'	1– Channel Cover Fire 1– #8-32 x ⅜" UFPHMS 1– ED Dogging Assembly	A
		650200	25 Series Electric Dogging (ED) Kit 4'		
		650195	24 Series Electric Dogging (ED) Kit 3'		
		650196	24 Series Electric Dogging (ED) Kit 4'		
87	1	650229	25 Series Authorized Egress (AE) Retrofit Kit 3'	1– Channel Cover Fire 1– AE Retrofit Assembly 1– #8-32 x ⅜" UFPHMS	A
		650230	25 Series Authorized Egress (AE) Retrofit Kit 4'		
		650225	24 Series Authorized Egress (AE) Retrofit Kit 3'		
		650226	24 Series Authorized Egress (AE) Retrofit Kit 4'		
88	1	650210	Latch Monitoring (LM) Switch Service Kit	1– LM Switch Assembly 2– #2-56 x ⅜" PPHMS 2– Switch Insulator	
		650264	Device Monitoring (DM) Switch Service Kit	1– DM Switch Assembly 2– #2-56 x ⅜" PPHMS 2– Switch Insulator	
89	1	650203	Authorized Egress (AE) Switch Kit	1– AE Switch Assembly 2– #2-56 x ¾" PPHMS	

A Specify by finish: US3, US4, US10, SP313, US26, US32D, US26D, US32D, US28

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24/25 Series Miscelleanous Kits

Glass Bead Kit (GBK), Shim Kits

⑨⓪ **Rim/Mortise Shim Kit**

⑨① **Vertical Device Shim Kit Up to 8' Door**
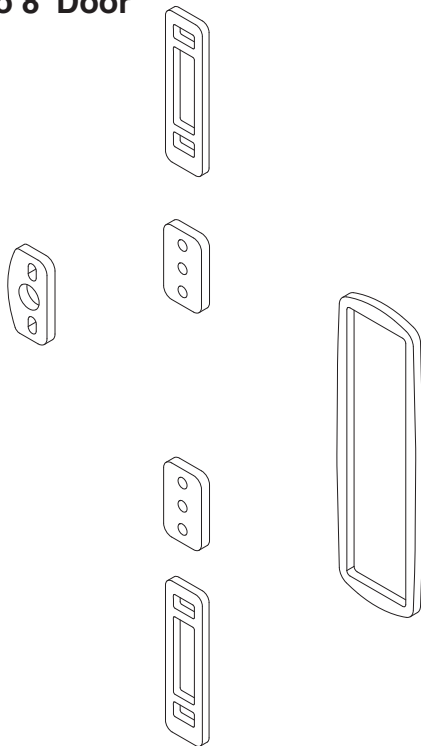
⑨② **Vertical Device Shim Kit Larger than 8' Door**
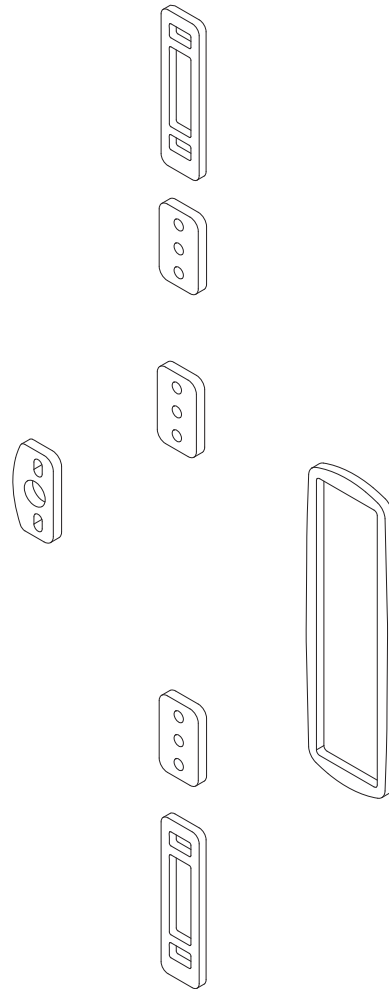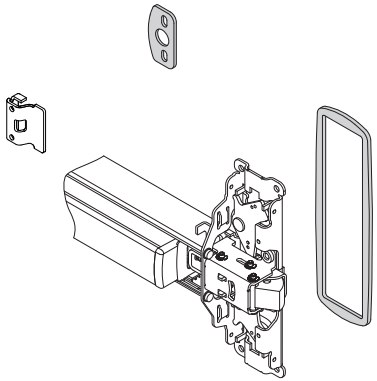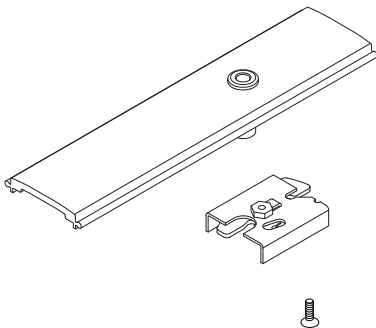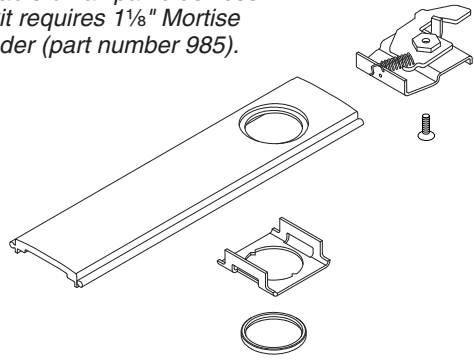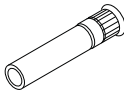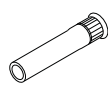
Item No.	Qty.	Part No.	Description	Notes
90	1	650107	25 Series Rim/Mortise Device Shim Service Kit	
		650109	24 Series Rim Device Shim Service Kit	*
91	1	650108	25 Series Vertical Device Shim Service Kit < 8' Door	
		650110	24 Series Vertical Device Shim Service Kit < 8' Door	*
92	1	650266	25 Series Vertical Device Shim Service Kit > 8' Door	
		650208	24 Series Vertical Device Shim Service Kit > 8' Door	*

*   Item(s) not shown.

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FALCON®

24/25 Series Miscelleanous Kits and Parts

Hurricane and Retrofit Shim Kit, Cylinder Dogging (CD) Kit, Hex Dogging (HD) Kit, Sexbolts

⑨③ Hurricane and Retrofit Shim Kit

⑨⑤ Hex Dogging Kit

⑨④ Cylinder Dogging Kit

*Available on all panic devices.
CD kit requires 1⅛" Mortise
Cylinder (part number 985).*

Sexbolts

⑨⑥

⑨⑦

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
93	1	650106	Hurricane and Retrofit Shim Kit		
94	1	650159	25 Series Cylinder Dogging (CD) Kit 3'	1– CD Channel Cover 1– CD Dogging Subassembly 1– #8-32 x ⅜" UFPHMS 1– Cylinder Retaining Bracket 1– Cylinder Collar	A
		650160	25 Series Cylinder Dogging (CD) Kit 4'		
		650155	24 Series Cylinder Dogging (CD) Kit 3'		
		650156	24 Series Cylinder Dogging (CD) Kit 4'		
95	1	650191	25 Series Hex Dogging (HD) Kit 3'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS	A
		650192	25 Series Hex Dogging (HD) Kit 4'		
		650187	24 Series Hex Dogging (HD) Kit 3'		
		650188	24 Series Hex Dogging (HD) Kit 4'		
96	2	325	1/4-20 Sexbolt		* A
97	2	425	#10-24 Sexbolt		* A

* Sold separately

A Specify by finish: US3, US4, US10, SP313, US26, US32D, US26D, US32D, US28

24/25 Series Maintenance Kit

Order by Part Number 650277-00

Part No.	Description	Qty	24R	24V	24C	25R	25M	25V	25C	510	511	512	513	711	712	718	719
	WHERE USED		Devices							Trims							
590	Rod Guide Pkg US32D/US26D	6		•				•									
	Rod Guide Pkg SP28	2		•				•									
	Rod Guide Pkg	2		•				•									
2789	Dogging Key	10	•	•	•	•	•	•	•								
3894	Cylinder Nut	10												•	•	•	•
4208	Cylinder Retainer Bracket	30	•	•	•	•	•	•	•								
4218	Lever Washer	10													•		
4275	712 Spring Plate	10													•		
4326	Lever Spring Clip	10													•		
4841	Lever Return Spring	10													•		
600210	Trim Screw 1¾" US3, US4, US10	2											•				
	Trim Screw 1¾" SP313	2											•				
	Trim Screw 1¾" US26/US32/US26D/US32D/SP28	6											•				
600222	End Cap Mtg Pkg 1¾" US32D	6	•	•	•	•	•	•	•								
	End Cap Mtg Pkg 1¾" 313AN	1	•	•	•	•	•	•	•								
	End Cap Mtg Pkg 1¾" US26D	2	•	•	•	•	•	•	•								
	End Cap Mtg Pkg 1¾" SP28	1	•	•	•	•	•	•	•								
640001	24 Plastic Mounting Template	2	•	•	•												
640002	25 Plastic Mounting Template	2				•	•	•	•								
660068	#10-24 x ½" PPHMS	20					•										
660078	#10-24 x ¾" FPHMS	50		•	•			•	•								
660081	#10-24 x ¾" PPHMS	32		•	•			•	•								
660089	#10-24 x ⅜" UFPHMS	50								•	•	•	•				
660090	#10-24 x ⅜" UFPHMS	20				•	•	•									
660099	#12-24 x ½" UFPHMS US3/US4/US10	20					•										
	#12-24 x ½" UFPHMS SP313	20					•										
	#12-24 x ½" UFPHMS US26/US32/US26D/US32D/SP28	20					•										
660120	#8-32 x ¼" PPHMS	50					•										
660123	#8-32 x ¼" UFPHMS	50	•	•	•	•	•	•	•								
660125	#8-32 x ¼" UFPHMS US3, US4, US10	50		•				•									
	#8-32 x ¼" UFPHMS SP313	50		•				•									
	#8-32 x ¼" UFPHMS Black	50		•				•									
660133	#8-32 x ⅜" UFPHMS	50	•	•	•	•	•	•	•								
660151	#10-24 x ¾" PPHMS w/Nyl	20								•		•					
660459	⅜" - 16 Lock Nut	10												•	•		•
660485	#10-16 x ½" Hex Washer Head Taptite	32	•	•	•	•	•	•	•								
661102	Cotter Key ⅛" x 1"	50		•	•			•	•								
661277	Cylinder Nut Tool	10								•	•	•	•				
661317	FSA/FSE Pivot Pin	20	•	•	•	•	•	•	•								
661326	Pushbar Guide	20	•	•	•	•	•	•	•								
661401	Key Cylinder Locknut	10								•	•	•	•				
963914	#10-24 x ¾" PPHMS	50				•	•	•	•								
963917	#8-32 x ⅜" UFPHMS Thread Cutting, Typ F	50	•	•	•												
963940	#10-24 x1" PPHMS	50	•	•	•	•	•	•	•								
964080	#6-32 x ¼" SHCS	50								•	•	•	•				
964266	Head Cover Screw Pkg US3	50	•	•	•	•	•	•	•								
	Head Cover Screw Pkg US4	50	•	•	•	•	•	•	•								
	Head Cover Screw Pkg US10	50	•	•	•	•	•	•	•								
	Head Cover Screw Pkg SP313	50	•	•	•	•	•	•	•								
	Head Cover Screw Pkg US26/US32/US26D/US32D/SP28	50	•	•	•	•	•	•	•								
964285	Retaining Ring	25								•	•		•				
964390	#8-32 x ⅜" PPHMS	20				•	•		•								
970321	299 Strike Shim	20	•	•	•	•	•	•	•								
650267	Standard Shear Pin (Pkg of 10)	3								•			•				
600283	VR Shear Pin (Pkg of 5)	6										•					
030298622	299 Strike Black	5	•	•	•	•	•	•	•								
325	Sex Bolt Assembly ¼" -20 thread (Pkg of 2)	10	•	•	•				•								
425	Sex Bolt Assembly #10-24 thread (Pkg of 2)	10	•	•	•	•	•	•	•								

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Ingersoll Rand's Security Technologies Sector is a leading global provider of products and services that make environments safe, secure and productive. The Sector's market-leading products include electronic and biometric access control systems; time and attendance and personnel scheduling systems; mechanical locks and portable security, door closers and exit devices, steel doors and frames, architectural hardware and technologies and services for global security markets.

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